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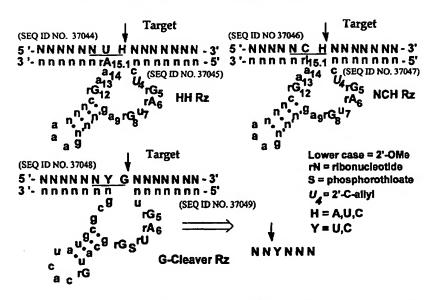
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(54) Title: NUCLEIC ACID-BASED TREATMENT OF DISEASES OR CONDITIONS RELATED TO WEST NILE VIRUS INFECTION

Examples of Nuclease Stable Ribozyme Motifs



(57) Abstract: The present invention relates to nucleic acid molecules (e.g., ribozymes, DNAzymes, antisense oligonucleotides, triplex forming oligonucleotides, 2,5-A oligonucleotides, decoys) that modulate the expression and/or replication of West Nile Virus (WNV). The present invention also relates to chemical compositions, and methods of treatment of WNV infection and associated diseases, and conditions.



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NUCLEIC ACID-BASED TREATMENT OF DISEASES OR CONDITIONS RELATED TO WEST NILE VIRUS INFECTION

TECHNICAL FIELD OF INVENTION

This invention relates to compositions, reagents and methods for the treatment of diseases or conditions relating to West Nile Virus (WNV) infection.

The Sequence Listing file named "MBHB001109-ASequenceListing" (8,067,027 bytes in size) submitted on Compact Disc-Recordable (CD-R) medium ("011019_1245") is incorporated herein by reference.

BACKGROUND OF THE INVENTION

The following is a discussion of relevant art, none of which is admitted as prior art to the present invention.

West Nile Virus (WNV) is a Class IV virus, specifically a flavivirus, identified as a member of the Japanese encephalitis virus antigenic complex. WNV is a spherical, enveloped virus containing a positive single-stranded RNA genome. Flaviviridae group also includes such pathogens as hepatitis C virus, Kunjin virus, and viruses responsible for yellow fever, dengue fever, and St. Louis encephalitis. West Nile Virus subtypes are distinguishable by antigenic variations in the envelope (E) protein and by the presence of an N-glycosylation site (Asn-Tyr-Ser) at amino acids 154–156 (Jia, 1999, Lancet. 354;1971-2).

The genome of WNV is composed of 10,960 nucleotides. The 5'-terminus of the WNV genome contains a type 1 cap structure that is synthesized by RNA triphosphatase, guanylyltransferase and methyltransferase (Wengler and Wengler, 1993, *Virology*, 197m; 265-273). A conserved 3'-terminal stem loop of the viral genomic RNA has been shown to bind to translation elongation factor-1-alpha prior to replication (Blackwell and Brinton, 1997, *J. Virol.*, 71, 6433-6444). At least nine WNV encoded proteins have been identified, including the non-structural proteins NS 1, NS 2a, NS 2b, NS 3, NS 4b, and NS 5, along with C, M, and E structural proteins. The NS 3 protein has been shown to have RNA triphosphatase activity (Wengler and Wengler, *supra*), The WNV NS 5 protein has been shown to possess RNA-dependent RNA polymerase activity *in vitro* (Steffens *et al.*, 1999, *J. Gen. Virol.*, 80, 2583-2590).

WNV can be transmitted to humans and domestic animals through mosquitoes and migratory birds, that serve as amplifying hosts. Although WNV infection is generally asymptomatic in areas of the world where the virus is endemic, infected humans can incur a mild fever, rash, nausea, headache, disorientation and back pain. More serious complications from WNV infection include hepatitis, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, and death, especially in the very young, sick, or elderly.

Virulence of different WNV strains can vary, and certain characteristics of the WNV can dictate susceptibility to CNS infection. One study of WNV infectivity in mice found decreased neuroinvasiveness in strain variants with glycosylated envelope proteins and among those strains with amino acid substitutions at residue 307 (Chambers et al., 1998, J. Gen Virol. 79:2375). Experimentally infected monkeys have demonstrated persistent neurologic infection (Pogodina et al., 1983, Arch. Virol., 75:71). Furthermore, human subjects who were subjected to WNV as an experimental cancer treatment and who died within approximately four weeks after such treatment showed viral infiltration of the spleen, lymph nodes, liver, and lungs, indicating disseminated infection by WNV in humans (Southam and Moore, 1951, Am. J. Trop. Med., 31:724; Southam and Moore, 1954, Am. J. Trop. Med. Hyg., 3:19).

The WNV incubation period manifests typically from 3 to 15 days, and the diagnosis of WNV has been confirmed by an enzyme immunoassay through IgM and IgG antibody detection (Tsai et al., 1998, Lancet, 352:767). WNV has also been diagnosed by reverse transcriptase polymerase chain reaction (rtPCR) testing of CSF (Puri et al., 1994, Arch. Virol., 134:29).

The WNV infection has been reported in Africa, the Middle East, parts of Europe, the Soviet Union, South Asia and Australia (Savage et al., 1999, Am J Trop Med Hyg., 61:600). In one study involving 915 Egyptians, 6 percent of school children and 40 percent of young adults had antibodies to the WNV following a widespread fever outbreak in the general population (Corwin et al., 1993, Am J Trop Med Hyg., 48:776). Epidemics have also been reported in Israel, South Africa and parts of Europe. In a European outbreak in Romania in 1996, more than 500 cases were reported with a mortality rate of nearly 10 percent (Tsai et al., 1998, Lancet., 352:767 and Hubalek et al., 1999, Emerg Infect Dis., 5:643). Clinical manifestations of the virus in these Romanian patients included meningoencephalitis (44 percent), meningitis (40 percent), and encephalitis (16 percent). In addition, the symptoms

included fever (91 percent), headache (77 percent), neck stiffness (57 percent), vomiting (53 percent), confusion (34 percent) and coma (13 percent) (Tsai et al., 1998, Lancet., 532:767). The largest outbreak of the WNV to date occurred in 1974 in South Africa where nearly 3,000 cases were reported (McIntosh et al., 1976, South African Journal of Science., 72:295-300).

Outbreaks of WNV were not very common in the United States until 1999 when the virus caused seven deaths and 62 cases of encephalitis in New York. The outbreak of encephalitis in humans in the New York area in 1999 coincided with the death of several crows due to viscerotropic WNV infection. These avian infections were present in crows as far south as Baltimore (Anderson et al., 1999, Science., 286:2331). Recent reports indicate that WNV is spreading to other areas of the country as well.

Cloned from the human brain by reverse-transcriptase polymerase chain reaction, the genome of the WNV responsible for the 1999 New York outbreak was found as a lineage type I West Nile Virus. This particular strain of West Nile Virus (WNV; WNV-NY 1999) is closely related to strains previously isolated in the Middle East (Jia, 1999, *The Lancet*, 354:1971-1972).

Nearly the same time as the 1999 United States outbreak, an outbreak of meningoencephalitis caused by WNV infection occurred in Russia. This late summer outbreak was responsible for over 40 deaths out of about 1,000 reported cases. Analysis of brain tissue from five victims of this epidemic by reverse transcriptase-polymerase chain reaction confirmed the presence of WNV, as well as other flaviviruses, in each sample (Lvov et al., 2000, Emerging Infectious Diseases., 6:4).

After the outbreak of WNV in the United States in 1999, surveillance programs have detected increased transmission of the virus in birds and mosquitoes. In one recent case a person 78 years of age was hospitalized in Richmond County, New York for viral encephalitis and tested positive for WNV. Immunosorbent assay confirmed the presence of the IgM antibody in cerebrospinal fluid and serum samples of the individual (Novello *et al.*, 2000, *MMWR*, 49,31:714-717).

The elderly are particularly susceptible to encephalitis due to WNV infection. Other risk factors related to exposure to the virus include spending increased amounts of time

outdoors and being in the presence of a flooded areas, both places where increased contact with mosquitoes is likely (Han et al., 1999, J Infect Dis., 179:230).

In an attempt to prevent the spread of WNV through control of larval and adult mosquitoes, mapping, spraying and removal of breeding sites has been initiated in parts of New York and Connecticut (Morb Mortal Wkly Rep. 1999; 48:944). In addition, education programs have been suggested to make the public aware of WNV and it's risk factors. Despite these efforts, WNV remains a threat due to its mode of transmission. At present, there is no vaccine or other known treatment for WNV infection. Accordingly there remains an unmet need for reagents and methods for the diagnosis of WNV infection. Further, there remains a need for reagents and methods for the treatment of WNV infection.

BRIEF SUMMARY OF THE INVENTION

The invention features novel nucleic acid-based molecules and techniques (e.g., enzymatic nucleic acid molecules (such as ribozymes, DNAzymes or allozymes), antisense nucleic acids, 2-5A antisense chimeras, triplex forming oligonucleotides, antisense nucleic acids containing RNA cleaving chemical groups, dsRNA and decoys) as well as methods for their use to detect and modulate the replication of WNV and WNV gene expression. In particular, enzymatic nucleic acid molecules capable of specifically cleaving WNV RNA are described. Also described are antisense nucleic acid molecules that specifically modulate the replication of WNV and the expression of the WNV genome. Such enzymatic and antisense nucleic acids can be used to diagnose and treat diseases associated with WNV infection, such as pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, and cirrhosis.

The invention features the use of one or more of the nucleic acid-based molecules and techniques independently or in combination to modulate the replication of WNV and/or the expression of the genes encoded by the WNV genome. In one embodiment the invention features the use of nucleic acid-based molecules and techniques to inhibit the function of the West Nile Virus genome (GenBank accession Nos. AF196835, AF260969, AF260968, AF260967, NC_001563, AF206518, and AF202541).

The present invention features a nucleic acid molecule that modulates the replication of the West Nile Virus. In one embodiment, the nucleic acid molecule modulates the expression and/or function of RNA derived from the WNV. In a preferred embodiment, the nucleic acid molecule of the present invention is selected from the group consisting of

enzymatic nucleic acid, antisense nucleic acid, 2',5'-A nucleic acid, triplex forming nucleic acid, and decoy nucleic acid molecules.

In one embodiment, the nucleic acid molecule of the invention (e.g., antisense or enzymatic nucleic acid molecule) comprises between 12 and 100 bases complementary to RNA of the WNV genome. In another embodiment, the nucleic acid molecule comprises between 14 and 24 bases complementary to RNA of the WNV genome. The nucleic acid molecule of the invention can be synthesized either enzymatically or chemically using methods described herein and other methods known in the art.

In yet another embodiment, the nucleic acid molecule of the invention can further comprise at least one sugar modification, nucleic acid base modification, phosphate backbone modification, or a combination thereof. The nucleic acid molecule of the invention can also comprise a cap structure, wherein the cap structure is at the 5'-end or 3'-end, or at both the 5'-end and the 3'-end of the nucleic acid molecule.

In one embodiment of the invention, the nucleic acid molecule is an enzymatic nucleic acid molecule. The enzymatic nucleic acid molecules of the invention are designed to cleave either the plus strand or the minus strand of WNV. The enzymatic nucleic acid molecules are also designed to cleave RNA derived from various genes encoding WNV proteins. The enzymatic nucleic acid of the invention contains one or more binding arms that comprise a sequence or sequences complementary to any sequence of WNV. In another embodiment, the enzymatic nucleic acid of the invention contains one or more binding arms that comprise a sequence or sequences complementary to any sequence(s) of SEQ ID NOs 1-7,372; 16,410-24,320; and 35,592-35,616. Examples of enzymatic nucleic acid molecules of the invention comprise the sequence of SEQ ID NOs 7,373-16,409; 24,321-35,591; or 35,617-35,641.

The enzymatic nucleic acid molecule of the invention can be in a hammerhead (HH), hairpin, hepatitis Delta virus, group I intron, VS nucleic acid, or RNAse P nucleic acid configuration. The enzymatic nucleic acid molecule can also be in an Inozyme, G-cleaver, Zinzyme, or an Amberzyme configuration. The enzymatic nucleic acid molecule of the invention can also be a DNAzyme.

In one embodiment, the DNAzyme of the instant invention comprises at least ten 2'-O-methyl modifications. In another embodiment, the DNAzyme further comprises phosphorothicate linkages on at least one of the 5' terminal nucleotides. Said linkages are useful to improve nuclease stability. In another embodiment, the DNAzyme comprises a 3'-end modification (e.g., 3',3'-inverted abasic and/or one or more phosphorothicate modifications). In another embodiment, the DNAzyme comprises at least ten 2'-O-methyl

modifications, phosphorothicate linkages on at least one of the 5' terminal nucleotides, and a 3'-end modification.

In another embodiment, the enzymatic nucleic acid molecule of the invention is a Hammerhead motif comprising at least one sequence complementary to any of the sequences shown as Substrate sequence in Tables III and VIII. In yet another embodiment, the enzymatic nucleic acid molecule of the invention is an Inozyme motif comprising at least one sequence complementary to any of the sequences shown as substrate sequence in Tables IV and IX. In another embodiment, the enzymatic nucleic acid molecule of the invention is a DNAzyme comprising at least one sequence complementary to any of the sequences shown as substrate sequences in Tables VI and XI. In another embodiment, the enzymatic nucleic acid molecule of the invention is a Zinzyme comprising at least one sequence complementary to any of the sequences shown as substrate sequence in Tables V and X. In another embodiment, the enzymatic nucleic acid molecule of the invention is an Amberzyme comprising at least one sequences complementary to any of the sequences shown as substrate sequences in Tables VII and XII.

In one embodiment, the enzymatic nucleic acid molecule contemplated by the instant invention comprises at least five ribose residues, at least ten 2'-O-methyl modifications, and a 3'- end modification (e.g., 3',3'-inverted abasic moiety, phosphorothioate, phosphorodithioate). In another embodiment, the enzymatic nucleic acid further comprises phosphorothioate modifications at the 5'-end (for example having 1, 2, 3, 4 or 5 phosphorothioates). In another embodiment the invention features an enzymatic nucleic acid molecule that does not require the presence of a ribonucleotide to be functional, for example, to cleave WNV RNA.

In another aspect of the invention, the nucleic acid molecule of the invention is an antisense nucleic acid molecule. The antisense nucleic acid molecule is designed to modulate either the plus strand or the minus strand of WNV. The antisense nucleic acid molecule are also designed to modulate RNA derived from various genes encoding WNV proteins. The antisense nucleic acid of the invention comprises a sequence complementary to any WNV sequence. For example, in some embodiments, the antisense nucleic acid of the invention comprises a sequence complementary to any of the sequences of SEQ ID NOs 1-7,372; 16,410-24,320; and 35,592-35,616.

In one embodiment, the antisense nucleic acid molecule of the instant invention comprises a phosphorothicate core with both 3' and 5' -end modifications. In one aspect of this embodiment, the 3' and/or 5'- end modification contemplated by the instant invention is a 3',3'-inverted abasic moiety and/or a 5',5'-inverted abasic moiety, respectively.

The invention also provides a method for modulating the replication of WNV in a cell comprising the step of contacting said cell with the nucleic acid molecule of claim 1 under conditions suitable for said down regulation of WNV replication. In addition the invention provides a method for down regulating the replication of WNV in a mammal comprising the step of administering to said infected mammal a nucleic acid of claim 1. In one embodiment of the disclosed methods, the modulation of replication of WNV in a cell or mammal results in the down-regulation of WNV replication in the cell or mammal.

In one embodiment, the invention features a method of modulating WNV activity in a cell, comprising the step of contacting the cell with the nucleic acid molecule of the invention, under conditions suitable for the modulation of WNV activity. In one embodiment, the modulation results in the reduction of WNV activity. In a further embodiment, the invention features a method of treating a patient having a condition associated with the level of WNV, comprising contacting cells of the patient with the nucleic acid molecule of the invention, under conditions suitable for the treatment. In one embodiment, the method of treating a patient having a condition associated with the level of WNV comprises the use of one or more therapies under conditions suitable for the treatment, in conjunction with the nucleic acid molecule.

In another embodiment, the method for treating a patent having a condition associated with the level of WNV comprises administering to the patient a nucleic acid molecule that modulates expression of RNA derived from the WNV genome in conjunction with one or more of other therapies, such as antiviral agents and interferons. In one embodiment of the described method, the WNV RNA expression is down-regulated.

The invention further relates to a method of cleaving WNV RNA, comprising contacting the nucleic acid molecule of the invention with WNV RNA under conditions suitable for the cleavage of WNV RNA. In another embodiment, the method of cleaving WNV RNA is carried out in the presence of a divalent cation. In one embodiment, for example, the divalent cation is Mg²⁺.

The invention also contemplates a pharmaceutical composition comprising a nucleic acid molecule of the invention and a pharmaceutically acceptable carrier. In one embodiment, the invention features a kit for the treatment of a patient having a condition associated with the level of WNV, comprising the nucleic acid molecule of the invention. The invention also features a kit for detecting a level of WNV in a system, comprising the nucleic acid molecule of the invention.

The invention also features an expression vector comprising a nucleic acid sequence encoding one or more nucleic acid molecule (e.g. 1, 2, 3, 4 nucleic acid molecules) that can

be the same or different, of the invention (e.g., enzymatic nucleic acid and/or antisense), in a manner that allows expression of that nucleic acid molecule(s).

The nucleic acid-based molecules of the present invention are useful, alone or in combination with other therapies, for the prevention and/or treatment of diseases and conditions associated with WNV infection, such as pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and any other diseases or conditions that are related to or respond to the levels of WNV in a cell or tissue.

The nucleic acid-based molecules of the invention can be added directly, or can be complexed with a delivery agent, such as a lipid, phospholipid, cationic lipid, packaged within a liposome(s), or otherwise delivered to target cells or tissues using the methods described herein and known in the art. The nucleic acid or nucleic acid complexes can be locally administered to relevant tissues ex vivo or in vivo through injection, infusion pump or stent, with or without their incorporation in biopolymers. In one embodiment, the enzymatic nucleic acid molecule comprises one or more sequences that are complementary to the substrate sequences in Tables III to XIII. Examples of the inventive enzymatic nucleic acid molecules comprise sequences which are also shown in Tables III to XIII.

In one embodiment, the invention features a method of administering to a cell, for example a mammalian cell or human cell, an enzymatic nucleic acid molecule of the invention comprising contacting the cell with the enzymatic nucleic acid molecule under conditions suitable for administration. The method of administration can be in the presence of a delivery reagent, for example, a lipid, cationic lipid, phospholipid, or liposome. In another embodiment, the invention features a method of administering to a cell an expression vector comprising a nucleic acid sequence encoding one or more nucleic acid molecules of the invention comprising contacting the cell with said vector under conditions suitable for administration.

Other features and advantages of the invention will be apparent from the following description of the preferred embodiments thereof, and from the claims.

BRIEF DESCRIPTION OF THE FIGURES

Figure 1 shows examples of chemically stabilized enzymatic nucleic acid motifs. "HH" represents hammerhead enzymatic nucleic acid motif (Usman et al., 1996, Curr. Op. Struct. Bio., 1, 527); "NCH" represents the NCH enzymatic nucleic acid motif (Ludwig & Sproat, International PCT Publication No. WO 98/58058); "G-Cleaver" represents G-cleaver

enzymatic nucleic acid motif (Kore et al., 1998, Nucleic Acids Research 26, 4116-4120). "N" or "n" represent independently a nucleotide that can be same or different and have complementarity to each other; "rI", represents ribo-Inosine nucleotide; arrow indicates the site of cleavage within the target. Position 4 of the HH Rz and the NCH Rz is shown as having 2'-C-allyl modification, but those skilled in the art will recognize that this position can be modified with other modifications well known in the art, so long as such modifications do not significantly inhibit the activity of the enzymatic nucleic acid.

Figure 2 shows an example of the Amberzyme enzymatic nucleic acid molecule motif that is chemically stabilized (see for example Beigelman *et al.*, International PCT publication No. WO 99/55857). The Amberzyme motif is a class of enzymatic nucleic molecules that do not require the presence of a ribonucleotide (2'-OH) group for its activity.

Figure 3 shows an example of the Zinzyme A enzymatic nucleic acid molecule motif that is chemically stabilized (see for example Beigelman et al., Beigelman et al., International PCT publication No. WO 99/55857). The Zinzyme motif is a class of enzymatic nucleic molecules that do not require the presence of a ribonucleotide (2'-OH) group for its activity.

Figure 4 shows an example of a DNAzyme motif (e.g., "10-23") described by Santoro et al., 1997, PNAS, 94, 4262.

DETAILED DESCRIPTION OF THE INVENTION

Due to sequence variability of the WNV genome, it is preferable to target the conserved regions of the WNV genome with the nucleic acid molecules of the instant invention. Accordingly, the present invention describes nucleic acid molecules targeting the conserved regions of the WNV genome. Conserved regions of the WNV genome include the 39-UTR, E, NS3, and NS5 regions. Nucleic acid molecules designed against these and other conserved regions of various WNV isolates enable, for example the down regulation of WNV replication in diverse patient populations, as well as ensure the effectiveness of the nucleic acid molecules against WNV quasi species that evolve due to mutations in the non-conserved regions of the WNV genome. For instance, a single nucleic acid molecule (such as an enzymatic nucleic acid molecule) can be targeted to inhibit all known strains and variants of WNV by targeting the nucleic acid to a conserved sequence present in all WNV genomes.

The present invention relates to a nucleic acid molecule that modulates the replication of WNV. For example, the nucleic acid molecule can be an enzymatic nucleic acid, an allozyme, an antisense nucleic acid, a 2', 5'-A nucleic acid, triplex forming nucleic acid, dsRNA, siRNA or decoy nucleic acid molecule.

In one embodiment of the present invention, a nucleic acid molecule of the instant invention can be between 12 and 100 nucleotides in length. Exemplary enzymatic nucleic acid molecules of the invention are shown in Table III-XIII. For example, enzymatic nucleic acid molecules of the invention can be between 15 and 50 nucleotides in length, and in another embodiment between 25 and 40 nucleotides in length, e.g., 34, 36, or 38 nucleotides in length (for example see Jarvis et al., 1996, J. Biol. Chem., 271, 29107-29112). Exemplary DNAzymes of the invention are can between 15 and 40 nucleotides in length, and in one embodiment, between 25 and 35 nucleotides in length, e.g., 29, 30, 31, or 32 nucleotides in length (see, e.g., Santoro et al., 1998, Biochemistry, 37, 13330-13342; Chartrand et al., 1995, Nucleic Acids Research, 23, 4092-4096). Exemplary antisense molecules of the invention can be between 15 and 75 nucleotides in length, and in one embodiment between 20 and 35 nucleotides in length, e.g., 25, 26, 27, or 28 nucleotides in length (see for example Woolf et al., 1992, PNAS., 89, 7305-7309; Milner et al., 1997, Nature Biotechnology, 15, 537-541). Exemplary triplex forming oligonucleotide molecules of the invention are between 10 and 40 nucleotides in length, and in one embodiment are between 12 and 25 nucleotides in length, e.g., 18, 19, 20, or 21 nucleotides in length (see for example Maher et al., 1990, Biochemistry, 29, 8820-8826; Strobel and Dervan, 1990, Science, 249, 73-75). Those skilled in the art will recognize that all that is required is for the nucleic acid molecule to be of length and conformation sufficient and suitable for the nucleic acid molecule to catalyze a reaction contemplated herein. The length of the nucleic acid molecules of the instant invention are not limiting within the general limits stated.

The invention relates to a class of nucleic acid-based molecules that exhibit a high degree of specificity for the RNA of a desired target, such as WNV RNA. In one embodiment, the enzymatic nucleic acid molecule is targeted to a highly conserved sequence region of RNA encoding the WNV genome and/or proteins, such that specific treatment of a disease or condition associated with WNV is provided using one or more nucleic acid molecules of the invention. In addition, the nucleic acid based molecule can be targeted to RNAs that share homology with the WNV gene. The nucleic acid molecules of the invention can be delivered exogenously to specific tissue or cellular targets as required. Alternatively, the nucleic acid molecules (e.g., enzymatic nucleic acids and antisense) can be expressed from DNA and/or RNA vectors that are delivered to specific cells.

In yet another embodiment, the invention features antisense nucleic acid molecules, dsRNA, and 2-5A chimera including sequences complementary to the substrate sequences shown in Tables III to XIII. Such nucleic acid molecules can include sequences as shown for the binding arms of the enzymatic nucleic acid molecules in Tables III to XIII. Similarly, triplex molecules targeted to the corresponding DNA target regions, and containing the DNA equivalent of a target sequence or a sequence complementary to the specified target

(substrate) sequence are provided. Typically, antisense molecules are complementary to a target sequence along a single contiguous sequence of the antisense molecule. However, in certain embodiments, the antisense molecule can bind to substrate such that the substrate molecule forms a loop, and/or the antisense molecule binds such that the antisense molecule forms a loop. Thus, the antisense molecule can be complementary to two or more non-contiguous substrate sequences, or two or more non-contiguous sequence portions of an antisense molecule can be complementary to a target sequence, or both.

The nucleic acid molecules of the present invention can be expressed from transcription units inserted into DNA or RNA vectors. The recombinant vectors can be DNA plasmids or viral vectors. Enzymatic nucleic acid or antisense expressing viral vectors can be constructed based on, but not limited to, adeno-associated virus, retrovirus, adenovirus, or alphavirus. In one embodiment, the recombinant vectors capable of expressing the enzymatic nucleic acids or antisense are delivered as described herein, and persist in target cells. Alternatively, viral vectors can be used that provide for transient expression of enzymatic nucleic acids or antisense. Such vectors can be repeatedly administered as necessary. Once expressed, the enzymatic nucleic acids or antisense bind to the target RNA and modulate its function or expression. Delivery of enzymatic nucleic acid or antisense expressing vectors can be systemic, such as by intravenous or intramuscular administration, by administration to target cells ex-planted from the patient followed by reintroduction into the patient, or by any other means that would allow for introduction into the desired target cell. Antisense DNA or DNAzymes can be expressed endogenously via the use of a single stranded DNA intracellular expression vector.

The nucleic acid molecules of the instant invention, individually, or in combination or in conjunction with other drugs, can be used to treat diseases or conditions discussed herein. For example, to treat a disease or condition associated with the levels of WNV, the nucleic acid molecules can be administered to a patient or can be administered to other appropriate cells evident to those skilled in the art, individually or in combination with one or more drugs under conditions suitable for the treatment.

In a further embodiment, the described molecules, such as antisense or enzymatic nucleic acids, can be used in combination with other known treatments to treat conditions. For example, the described molecules can be used in combination with one or more known therapeutic agents to treat WNV infection, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and/or other disease states associated with WNV infection.

In another embodiment, the invention features nucleic acid-based inhibitors (e.g., enzymatic nucleic acid molecules, antisense nucleic acids, 2-5A antisense chimeras, triplex

forming oligonucleotides, antisense nucleic acids containing RNA cleaving chemical groups) and methods for their use to down regulate or inhibit the expression of genes (e.g., WNV) capable of progression and/or maintenance of WNV infection, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and/or other disease states; associated with WNV infection. Such genes can be cellular genes that are involved, and/or essential for the replication and/or propagation of WNV. Nucleic acid molecules targeting such cellular gene expression is useful in the modulation of WNV replication and/or propagation.

By "modulate" is meant that the expression of the gene, or level of RNA molcules or equivalent RNA molecules encoding one or more WNV protein or WNV protein subunits, or activity of one or more WNV protein or WNV protein subunits is up-regulated or down-regulated, such that the expression, level, or activity is greater than or less than that observed in the absence of a nucleic acid molecule of the invention.

By "inhibit", "down-regulate", or "reduce", it is meant that the expression of the gene, or level of RNA molecules or equivalent RNA molecules encoding one or more proteins or protein subunits, or activity of one or more proteins or protein subunits, such as WNV proteins or WNV subunit(s), is reduced below that observed in the absence of the nucleic acid molecules of the invention. In one embodiment, inhibition, down-regulation or reduction with an enzymatic nucleic acid molecule is below that level observed in the presence of an enzymatically inactive or attenuated molecule that is able to bind to the same site on the target RNA molecule, but is unable to cleave that RNA molecule. In another embodiment, inhibition, down-regulation, or reduction with antisense oligonucleotides is below that level observed in the presence of, for example, an oligonucleotide with scrambled sequence or with mismatches. In another embodiment, inhibition, down-regulation, or reduction of WNV with a nucleic acid molecule of the instant invention is greater in the presence of the nucleic acid molecule than in its absence.

By "up-regulate" is meant that the expression of a gene, or level of RNA molecules or equivalent RNA molecules encoding one or more proteins, protein subunits, or activity of one or more proteins or protein subunits, such WNV proteins or WNV subunits, is greater than that observed in the absence of the nucleic acid molecules of the invention. For example, the expression of a gene, such as a WNV gene, can be increased in order to treat, prevent, ameliorate, or modulate a pathological condition caused or exacerbated by an absence or low level of gene expression.

By "enzymatic nucleic acid molecule" it is meant a nucleic acid molecule that has complementarity in a substrate binding region to a specified gene target, and also has an enzymatic activity that is active to specifically cleave target a RNA molecule. That is, the

enzymatic nucleic acid molecule is able to intermolecularly cleave a RNA molecule and thereby inactivate a target RNA molecule. These complementary regions allow sufficient hybridization of an enzymatic nucleic acid molecule to a target RNA molecule and thus permit cleavage. One hundred percent complementarity is preferred, but complementarity as low as 50-75% can also be useful in this invention (see for example Werner and Uhlenbeck, 1995, Nucleic Acids Research, 23, 2092-2096; Hammann et al., 1999, Antisense and Nucleic Acid Drug Dev., 9, 25-31). The nucleic acids can be modified at the base, sugar, and/or phosphate groups. The term enzymatic nucleic acid is used interchangeably with phrases such as ribozymes, catalytic RNA, enzymatic RNA, catalytic DNA, aptazyme or aptamer-binding ribozyme, regulatable ribozyme, catalytic oligonucleotides, nucleozyme, DNAzyme, RNA enzyme, endoribonuclease, endonuclease, minizyme, leadzyme, oligozyme or DNA enzyme. All of these terminologies describe nucleic acid molecules with enzymatic activity. The specific enzymatic nucleic acid molecules described in the instant application are not limiting in the invention and those skilled in the art will recognize that all that is important in an enzymatic nucleic acid molecule of this invention is that it has a specific substrate binding site that is complementary to one or more of the target nucleic acid regions, and that it have nucleotide sequences within or surrounding that substrate binding site which impart a nucleic acid cleaving and/or ligation activity to the molecule (Cech et al., U.S. Patent No. 4,987,071; Cech et al., 1988, 260 JAMA 3030).

By "nucleic acid molecule" as used herein is meant a molecule comprising nucleotides. The nucleic acid can be single, double, or multiple stranded and can comprise modified or unmodified nucleotides or non-nucleotides or various mixtures and combinations thereof.

By "enzymatic portion" or "catalytic domain" is meant that portion/region of the enzymatic nucleic acid molecule essential for cleavage of a nucleic acid substrate (for example, see Figures 1-4).

By "substrate binding arm" or "substrate binding domain" is meant that portion/region of a enzymatic nucleic acid that is able to interact, for example, via complementarity (i.e., able to base-pair with), with a portion of its substrate. Such complementarity can be 100%, but can be less if desired. For example, as few as 10 bases out of 14 can be base-paired (see for example Werner and Uhlenbeck, 1995, Nucleic Acids Research, 23, 2092-2096; Hammann et al., 1999, Antisense and Nucleic Acid Drug Dev., 9, 25-31). Examples of such arms are shown generally in Figures 1-4. That is, these arms contain sequences within a enzymatic nucleic acid that are intended to bring enzymatic nucleic acid and target RNA together through complementary base-pairing interactions. The enzymatic nucleic acid of the invention can have binding arms that are contiguous or non-contiguous and can be of varying lengths. The length of the binding arm(s) can be greater than or equal to four nucleotides and

of sufficient length to stably interact with a target RNA; in one embodiment they can be 12-100 nucleotides; in another embodiment they can be 14-24 nucleotides long (see for example Werner and Uhlenbeck, supra; Hamman et al., supra; Hampel et al., EP0360257; Berzal-Herranze et al., 1993, EMBO J., 12, 2567-73) or between 8 and 14 nucleotides long. If two binding arms are chosen, the design is such that the length of the binding arms are symmetrical (i.e., each of the binding arms is of the same length; e.g., four and four, five and five nucleotides, or six and six nucleotides, or seven and seven nucleotides long) or asymmetrical (i.e., the binding arms are of different length; e.g., three and five, six and three nucleotides; three and six nucleotides long; four and five nucleotides long; four and six nucleotides long; four and seven nucleotides long; four and six nucleotides long; four and seven nucleotides long; four and six nucleotides long; four and seven nucleotides long; and the like).

By "Inozyme" or "NCH" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described as NCH Rz in Figure 2. Inozymes possess endonuclease activity to cleave RNA substrates having a cleavage triplet NCH/, where N is a nucleotide, C is cytidine and H is adenosine, uridine or cytidine, and / represents the cleavage site. H is used interchangeably with X. Inozymes can also possess endonuclease activity to cleave RNA substrates having a cleavage triplet NCN/, where N is a nucleotide, C is cytidine, and / represents the cleavage site. "T" in Figure 2 represents an Inosine nucleotide, including a ribo-Inosine or xylo-Inosine nucleoside.

By "G-cleaver" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described as G-cleaver Rz in Figure 2. G-cleavers possess endonuclease activity to cleave RNA substrates having a cleavage triplet NYN/, where N is a nucleotide, Y is uridine or cytidine and / represents the cleavage site. G-cleavers can be chemically modified as is generally shown in Figure 2.

By "zinzyme" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described in Figure 4. Zinzymes possess endonuclease activity to cleave RNA substrates having a cleavage triplet including but not limited to, YG/Y, where Y is uridine or cytidine, and G is guanosine and / represents the cleavage site. Zinzymes can be chemically modified to increase nuclease stability through substitutions as are generally shown in Figure 4, including substituting 2'-O-methyl guanosine nucleotides for guanosine nucleotides. In addition, differing nucleotide and/or non-nucleotide linkers can be used to substitute the 5'-gaaa-2' loop shown in the figure. Zinzymes represent a non-limiting example of an enzymatic nucleic acid molecule that does not require a ribonucleotide (2'-OH) group within its own nucleic acid sequence for activity.

By "amberzyme" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described in Figure 3. Amberzymes possess endonuclease activity to cleave RNA substrates having a cleavage triplet NG/N, where N is a nucleotide, G

is guanosine, and / represents the cleavage site. Amberzymes can be chemically modified to increase nuclease stability through substitutions as are generally shown in Figure 3. In addition, differing nucleoside and/or non-nucleoside linkers can be used to substitute the 5'-gaaa-3' loops shown in the figure. Amberzymes represent a non-limiting example of an enzymatic nucleic acid molecule that does not require a ribonucleotide (2'-OH) group within its own nucleic acid sequence for activity.

By 'DNAzyme' is meant, an enzymatic nucleic acid molecule that does not require the presence of a 2'-OH group within its own nucleic acid sequence for activity. In particular embodiments, the enzymatic nucleic acid molecule can have an attached linker or linkers or other attached or associated groups, moieties, or chains containing one or more nucleotides with 2'-OH groups. DNAzymes can be synthesized chemically or expressed endogenously in vivo, by means of a single stranded DNA vector or equivalent thereof. An example of a DNAzyme is shown in Figure 5 and is generally reviewed in Usman et al., US patent No., 6,159,714; Chartrand et al., 1995, NAR 23, 4092; Breaker et al., 1995, Chem. Bio. 2, 655; Santoro et al., 1997, PNAS 94, 4262; Breaker, 1999, Nature Biotechnology, 17, 422-423; and Santoro et. al., 2000, J. Am. Chem. Soc., 122, 2433-39. The "10-23" DNAzyme motif is one particular type of DNAzyme that was evolved using in vitro selection (see Santoro et al., supra). Additional DNAzyme motifs can be selected for using techniques similar to those described in these references, and hence, are within the scope of the present invention.

By "sufficient length" is meant an oligonucleotide of greater than or equal to 3 nucleotides in length and long enough to provide the intended function (such as binding) under the expected condition. For example, for binding arms of enzymatic nucleic acid "sufficient length" means that the binding arm sequence is long enough to provide stable binding to a target site under the expected reaction conditions and environment. The binding arms are not so long as to prevent useful turnover of the nucleic acid molecule.

By "stably interact" is meant interaction of the oligonucleotides with target nucleic acid (e.g., by forming hydrogen bonds with complementary nucleotides in the target under physiological conditions) that is sufficient for the intended purpose (e.g., cleavage of target RNA by an enzyme).

By RNA "equivalent" to WNV is meant to include any naturally occurring RNA molecule having a degree of homology (partial or complete, for example 70% to 100% homology) with an RNA molecule encoding a WNV protein or an RNA encoding aprotein with similar function as a WNV protein in various organisms, including, for example, human, birds, rodent, primate, and other organisms and parasites. The equivalent RNA sequence can include in addition to the coding region, regions such as 5'-untranslated region, 3'-

untranslated region, introns, intron-exon junction and the like. By "homology" or "degree of homology" is meant the degree to which the nucleotide sequence of two or more nucleic acid molecules that are partially or completely identical.

By "antisense nucleic acid", it is meant a non-enzymatic nucleic acid molecule that binds to target RNA by means of RNA-RNA or RNA-DNA or RNA-PNA (protein nucleic acid; Egholm et al., 1993 Nature 365, 566) interactions and alters the activity of the target RNA (for a review, see Stein and Cheng, 1993 Science 261, 1004 and Woolf et al., US patent No. 5,849,902). Typically, antisense molecules are complementary to a target sequence along a single contiguous sequence of the antisense molecule. However, in certain embodiments, an antisense molecule can bind to substrate such that the substrate molecule forms a loop, and/or an antisense molecule can bind such that the antisense molecule forms a loop. Thus, the antisense molecule can be complementary to two or more non-contiguous substrate sequences or two or more non-contiguous sequence portions of an antisense molecule can be complementary to a target sequence, or both. For a review of current antisense strategies, see Schmajuk et al., 1999, J. Biol. Chem., 274, 21783-21789, Delihas et al., 1997, Nature, 15, 751-753, Stein et al., 1997, Antisense N. A. Drug Dev., 7, 151, Crooke, 2000, Methods Enzymol., 313, 3-45; Crooke, 1998, Biotech. Genet. Eng. Rev., 15, 121-157, Crooke, 1997, Ad. Pharmacol., 40, 1-49. In addition, antisense DNA can be used to target RNA by means of DNA-RNA interactions, thereby activating RNase H, that digests the target RNA in the duplex. The antisense oligonucleotides can comprise one or more RNAse H activating region that is capable of activating RNAse H cleavage of a target RNA. Antisense DNA can be synthesized chemically or expressed via the use of a single stranded DNA expression vector or equivalent thereof.

By "RNase H activating region" is meant a region (generally greater than or equal to 4-25 nucleotides in length, and in one embodiment from 5-11 nucleotides in length) of a nucleic acid molecule capable of binding to a target RNA to form a non-covalent complex that is recognized by cellular RNase H enzyme (see for example Arrow et al., US 5,849,902; Arrow et al., US 5,989,912). The RNase H enzyme binds to the nucleic acid molecule-target RNA complex and cleaves the target RNA sequence. The RNase H activating region comprises, for example, phosphodiester, phosphorothioate (for example, at least four of the nucleotides are phosphorothiote substitutions; and in another embodiment, 4-11 of the nucleotides are phosphorothiote substitutions); phosphorodithioate, 5'-thiophosphate, or methylphosphonate backbone chemistry or a combination thereof. In addition to one or more backbone chemistries described above, the RNase H activating region can also comprise a variety of sugar chemistries. For example, the RNase H activating region can comprise deoxyribose, arabino, fluoroarabino or a combination thereof, nucleotide sugar chemistry. Those skilled in the art will recognize that the foregoing are non-limiting examples and that

any combination of phosphate, sugar and base chemistry of a nucleic acid that supports the activity of RNase H enzyme is within the scope of the definition of the RNase H activating region and the instant invention.

By "2-5A antisense chimera" is meant an antisense oligonucleotide containing a 5'-phosphorylated 2'-5'-linked adenylate residue. These chimeras bind to target RNA in a sequence-specific manner and activate a cellular 2-5A-dependent ribonuclease that, in turn, cleaves the target RNA (Torrence et al., 1993 Proc. Natl. Acad. Sci. USA 90, 1300; Silverman et al., 2000, Methods Enzymol., 313, 522-533; Player and Torrence, 1998, Pharmacol. Ther., 78, 55-113).

By "triplex forming oligonucleotides" is meant an oligonucleotide that can bind to a double-stranded DNA in a sequence-specific manner to form a triple-strand helix. Formation of such triple helix structure has been shown to inhibit transcription of the targeted gene (Duval-Valentin et al., 1992 Proc. Natl. Acad. Sci. USA 89, 504; Fox, 2000, Curr. Med. Chem., 7, 17-37; Praseuth et. al., 2000, Biochim. Biophys. Acta, 1489, 181-206).

By "gene" it is meant a nucleic acid that encodes an RNA, for example, nucleic acid sequences including, but not limited to, structural genes encoding a polypeptide.

By "WNV proteins" is meant, a protein or a mutant protein derivative thereof, comprising a protein/peptide encoded by WNV RNA.

"Complementarity" refers to the ability of a nucleic acid to form hydrogen bond(s) with another RNA molecule by either traditional Watson-Crick or other non-traditional types. In reference to the nucleic molecules of the present invention, the binding free energy for a nucleic acid molecule with its target or complementary sequence is sufficient to allow the relevant function of the nucleic acid to proceed, e.g., enzymatic nucleic acid cleavage, antisense or triple helix inhibition. Determination of binding free energies for nucleic acid molecules is well known in the art (see, e.g., Turner et al., 1987, CSH Symp. Quant. Biol. LII pp.123-133; Frier et al., 1986, Proc. Nat. Acad. Sci. USA 83:9373-9377; Turner et al., 1987, J. Am. Chem. Soc. 109:3783-3785). A percent complementarity indicates the percentage of contiguous residues in a nucleic acid molecule that can form hydrogen bonds (e.g., Watson-Crick base pairing) with a second nucleic acid sequence (e.g., 5, 6, 7, 8, 9, 10 out of 10 being 50%, 60%, 70%, 80%, 90%, and 100% complementary). "Perfectly complementary" means that all the contiguous residues of a nucleic acid sequence will hydrogen bond with the same number of contiguous residues in a second nucleic acid sequence.

By "RNA" is meant a molecule comprising at least one ribonucleotide residue. By "ribonucleotide" or "2'-OH" is meant a nucleotide with a hydroxyl group at the 2' position of a β -D-ribo-furanose moiety.

By "decoy RNA" is meant a RNA molecule that mimics the natural binding domain for a ligand. The decoy RNA therefore competes with natural binding target for the binding of a specific ligand. For example, it has been shown that over-expression of HIV trans-activation response (TAR) RNA can act as a "decoy" and efficiently binds HIV tat protein, thereby preventing it from binding to TAR sequences encoded in the HIV RNA (Sullenger et al., 1990, Cell, 63, 601-608). This is but a specific example and those in the art will recognize that other embodiments can be readily generated using techniques generally known in the art, see for example Gold et al., 1995, Annu. Rev. Biochem., 64, 763; Brody and Gold, 2000, J. Biotechnol., 74, 5; Sun, 2000, Curr. Opin. Mol. Ther., 2, 100; Kusser, 2000, J. Biotechnol., 74, 27; Hermann and Patel, 2000, Science, 287, 820; and Jayasena, 1999, Clinical Chemistry, 45, 1628.

The term "double stranded RNA" or "dsRNA" as used herein refers to a double stranded RNA molecule capable of RNA interference, including short interfering RNA "siRNA" (see, e.g., Bass, 2001, *Nature*, 411, 428-429; Elbashir et al., 2001, *Nature*, 411, 494-498).

The term "allozyme" as used herein refers to an allosteric enzymatic nucleic acid molecule, see, e.g., George et al., US Patent Nos. 5,834,186 and 5,741,679, Shih et al., US Patent No. 5,589,332, Nathan et al., US Patent No 5,871,914, Nathan and Ellington, International PCT publication No. WO 00/24931, Breaker et al., International PCT Publication Nos. WO 00/26226 and 98/27104, and Sullenger et al., International PCT publication No. WO 99/29842. The term "2-5A chimera" as used herein refers to an oligonucleotide containing a 5'-phosphorylated 2'-5'-linked adenylate residue. These chimeras bind to target RNA in a sequence-specific manner and activate a cellular 2-5A-dependent ribonuclease which, in turn, cleaves the target RNA (Torrence et al., 1993 Proc. Natl. Acad. Sci. USA 90, 1300; Silverman et al., 2000, Methods Enzymol., 313, 522-533; Player and Torrence, 1998, Pharmacol. Ther., 78, 55-113).

The term "triplex forming oligonucleotides" as used herein refers to an oligonucleotide that can bind to a double-stranded DNA in a sequence-specific manner to form a triple-strand helix. Formation of such triple helix structure has been shown to inhibit transcription of the targeted gene (Duval-Valentin et al., 1992 Proc. Natl. Acad. Sci. USA 89, 504; Fox, 2000, Curr. Med. Chem., 7, 17-37; Praseuth et. al., 2000, Biochim. Biophys. Acta, 1489, 181-206).

By "vectors" is meant any nucleic acid and/or viral-based molecule used to deliver a desired nucleic acid.

By "patient" is meant an organism that is a donor or recipient of explanted cells or the cells themselves. "Patient" also refers to an organism to that the nucleic acid molecules of the

invention can be administered. In one embodiment, a patient can be a mammal or mammalian cells. In another embodiment, a patient is a human or human cells.

By "enhanced enzymatic activity" is meant to include activity measured in vitro and/or in vivo where the activity is a reflection of both the catalytic activity and the stability of the nucleic acid molecules of the invention. In this invention, the product of these activities can be increased in vitro and/or in vivo compared to an all RNA enzymatic nucleic acid or an all DNA enzyme. In some cases, the activity or stability of the nucleic acid molecule can be decreased (i.e., less than ten-fold), but the overall activity of the nucleic acid molecule is enhanced, in vitro and/or in vivo.

By "cap structure" is meant chemical modifications that have been incorporated at either terminus of the oligonucleotide (see for example Wincott et al., WO 97/26270, incorporated by reference herein). These terminal modifications protect the nucleic acid molecule from exonuclease degradation, and can help in delivery and/or localization within a cell. The cap can be present at the 5'-terminus (5'-cap) or at the 3'-terminus (3'-cap) or can be present on both terminus. In non-limiting examples, the 5'-cap is selected from the group consisting of inverted abasic residue (moiety), 4',5'-methylene nucleotide; 1-(beta-Derythrofuranosyl) nucleotide, 4'-thio nucleotide, carbocyclic nucleotide; 1,5-anhydrohexitol nucleotide; L-nucleotides; alpha-nucleotides; modified base nucleotide; phosphorodithioate linkage; threo-pentofuranosyl nucleotide; acyclic 3',4'-seco nucleotide; acyclic 3,4dihydroxybutyl nucleotide; acyclic 3,5-dihydroxypentyl nucleotide, 3'-3'-inverted nucleotide moiety; 3'-3'-inverted abasic moiety; 3'-2'-inverted nucleotide moiety; 3'-2'-inverted abasic moiety; 1,4-butanediol phosphate; 3'-phosphoramidate; hexylphosphate; aminohexyl phosphate; 3'-phosphorothioate; phosphorodithioate; or bridging or nonbridging methylphosphonate moiety (for more details see Wincott et al., International PCT publication No. WO 97/26270, incorporated by reference herein). In yet another preferred embodiment the 3'-cap is selected from a group comprising, 4',5'-methylene nucleotide; 1-(beta-D-erythrofuranosyl) nucleotide; 4'-thio nucleotide, carbocyclic nucleotide; 5'-aminoalkyl phosphate; 1,3-diamino-2-propyl phosphate, 3-aminopropyl phosphate; 6-aminohexyl phosphate; 1,2-aminododecyl phosphate; hydroxypropyl phosphate; 1,5-anhydrohexitol nucleotide; L-nucleotide; alpha-nucleotide; modified base nucleotide; phosphorodithioate; threo-pentofuranosyl nucleotide; acyclic 3',4'-seco nucleotide; 3,4-dihydroxybutyl nucleotide; 3,5-dihydroxypentyl nucleotide, 5'-5'-inverted nucleotide moiety; 5'-5'-inverted abasic moiety; 5'-phosphoramidate; 5'-phosphorothioate; 1,4-butanediol phosphate; 5'-amino; bridging

and/or non-bridging 5'-phosphoramidate, phosphorothioate and/or phosphorodithioate, bridging or non bridging methylphosphonate and 5'-mercapto moieties (see Beaucage and Iver, 1993, *Tetrahedron* 49, 1925; incorporated by reference herein).

An "alkyl" group refers to a saturated aliphatic hydrocarbon, including straight-chain, branched-chain, and cyclic alkyl groups. The alkyl group can have, for example, 1 to 12 carbons. In one embodiment of the invention, the alkyl group is a lower alkyl of from 1 to 7 carbons. In another embodiment the alkyl group is 1 to 4 carbons. The alkyl group can be substituted or unsubstituted. When substituted the substituted group(s) can be hydroxyl, cyano, alkoxy, =0, =S, NO₂ or N(CH₃)₂, amino, or SH. The term also includes alkenyl groups which are unsaturated hydrocarbon groups containing at least one carbon-carbon double bond, including straight-chain, branched-chain, and cyclic groups. The alkenyl group can have, for example, 1 to 12 carbons. In one embodiment of the invention the alkenyl group can be a lower alkenyl of from 1 to 7 carbons. In another embodiment the alkenyl group can be 1 to 4 carbons. The alkenyl group can be substituted or unsubstituted. When substituted the substituted group(s) can be, for example, hydroxyl, cyano, alkoxy, =O, =S, NO2, halogen, N(CH3)2, amino, or SH. The term "alkyl" also includes alkynyl groups which have an unsaturated hydrocarbon group containing at least one carbon-carbon triple bond, including straight-chain, branched-chain, and cyclic groups. , The alkynyl group can have, for example, 1 to 12 carbons. In one embodiment of the invention, the alkynyl group is a lower alkynyl of from 1 to 7 carbons. In another embodiment of the invention, the alkynyl group is 1 to 4 carbons. The alkynyl group can be substituted or unsubstituted. When substituted the substituted group(s) can be, for example, hydroxyl, cyano, alkoxy, =0, =S, NO₂ or N(CH3)₂, amino or SH.

Such alkyl groups can also include aryl, alkylaryl, carbocyclic aryl, heterocyclic aryl, amide and ester groups. An "aryl" group refers to an aromatic group that has at least one ring having a conjugated p electron system and includes carbocyclic aryl, heterocyclic aryl and biaryl groups, all of that can be optionally substituted. The preferred substituent(s) of aryl groups are halogen, trihalomethyl, hydroxyl, SH, OH, cyano, alkoxy, alkyl, alkenyl, alkynyl, and amino groups. An "alkylaryl" group refers to an alkyl group (as described above) covalently joined to an aryl group (as described above). Carbocyclic aryl groups are groups wherein the ring atoms on the aromatic ring are all carbon atoms. The carbon atoms are optionally substituted. Heterocyclic aryl groups are groups having from 1 to 3 heteroatoms as ring atoms in the aromatic ring and the remainder of the ring atoms are carbon atoms. Suitable heteroatoms include oxygen, sulfur, and nitrogen, and include furanyl, thienyl, pyridyl, pyrrolyl, N-lower alkyl pyrrolo, pyrimidyl, pyrazinyl, imidazolyl and the like, all optionally substituted. An "amide" refers to an -C(O)-NH-R, where R is either alkyl, aryl,

alkylaryl or hydrogen. An "ester" refers to an -C(O)-OR', where R is either alkyl, aryl, alkylaryl or hydrogen.

By "nucleotide" is meant a heterocyclic nitrogenous base in N-glycosidic linkage with a phosphorylated sugar. Nucleotides are recognized in the art to include natural bases (standard), and modified bases well known in the art. Such bases are generally located at the 1' position of a nucleotide sugar moiety. Nucleotides generally comprise a base, sugar and a phosphate group. The nucleotides can be unmodified or modified at the sugar, phosphate and/or base moiety, (also referred to interchangeably as nucleotide analogs, modified nucleotides, non-natural nucleotides, non-standard nucleotides and other; see for example, Usman and McSwiggen, supra; Eckstein et al., International PCT Publication No. WO 92/07065; Usman et al., International PCT Publication No. WO 93/15187; Uhlman & Peyman, supra all are hereby incorporated by reference herein). There are several examples of modified nucleic acid bases known in the art as summarized by Limbach et al., 1994, Nucleic Acids Res. 22, 2183. Some of the non-limiting examples of chemically modified and other natural nucleic acid bases that can be introduced into nucleic acids include, for example, inosine, purine, pyridin-4-one, pyridin-2-one, phenyl, pseudouracil, 2, 4, 6-trimethoxy benzene, 3-methyl uracil, dihydrouridine, naphthyl, aminophenyl, 5-alkylcytidines (e.g., 5-methylcytidine), 5-alkyluridines (e.g., ribothymidine), 5-halouridine (e.g., 5-bromouridine) or 6-azapyrimidines or 6-alkylpyrimidines (e.g. 6-methyluridine), propyne, quesosine, 2-4-acetylcytidine, 5thiouridine, 4-thiouridine, wybutosine, wybutoxosine, (carboxyhydroxymethyl)uridine, 5'-carboxymethylaminomethyl-2-thiouridine, 5beta-D-galactosylqueosine. 1-methyladenosine, 1carboxymethylaminomethyluridine, 3-methylcytidine, 2-methyladenosine, 2-2,2-dimethylguanosine, methylinosine. 5-methoxyaminomethyl-2methylguanosine, N6-methyladenosine, 7-methylguanosine, 5-methylcarbonylmethyluridine, 5-methylaminomethyluridine, thiouridine. methyloxyuridine, 5-methyl-2-thiouridine, 2-methylthio-N6-isopentenyladenosine, beta-Dmannosylqueosine, uridine-5-oxyacetic acid, 2-thiocytidine, threonine derivatives and others (Burgin et al., 1996, Biochemistry, 35, 14090; Uhlman & Peyman, supra). By "modified bases" in this aspect is meant nucleotide bases other than adenine, guanine, cytosine and uracil at 1' position or their equivalents; such bases can be used at any position, for example, within the catalytic core of an enzymatic nucleic acid molecule and/or in the substrate-binding regions of the nucleic acid molecule.

By "nucleoside" is meant a heterocyclic nitrogenous base in N-glycosidic linkage with a sugar. Nucleosides are recognized in the art to include natural bases (standard), and modified bases well known in the art. Such bases are generally located at the 1' position of a nucleoside sugar moiety. Nucleosides generally comprise a base and sugar group. The nucleosides can be unmodified or modified at the sugar, and/or base moiety, (also referred to

interchangeably as nucleoside analogs, modified nucleosides, non-natural nucleosides, nonstandard nucleosides and other; see for example, Usman and McSwiggen, supra; Eckstein et al., International PCT Publication No. WO 92/07065; Usman et al., International PCT Publication No. WO 93/15187; Uhlman & Peyman, supra all are hereby incorporated by reference herein). There are several examples of modified nucleic acid bases known in the art as summarized by Limbach et al., 1994, Nucleic Acids Res. 22, 2183. Some of the nonlimiting examples of chemically modified and other natural nucleic acid bases that can be introduced into nucleic acids include, inosine, purine, pyridin-4-one, pyridin-2-one, phenyl, pseudouracil, 2, 4, 6-trimethoxy benzene, 3-methyl uracil, dihydrouridine, naphthyl, aminophenyl, 5-alkylcytidines (e.g., 5-methylcytidine), 5-alkyluridines (e.g., ribothymidine), 5-halouridine (e.g., 5-bromouridine) or 6-azapyrimidines or 6-alkylpyrimidines (e.g., 6methyluridine), propyne, quesosine, 2-thiouridine, 4-thiouridine, wybutosine, wybutoxosine, 4-acetylcytidine. 5-(carboxyhydroxymethyl)uridine, 5'-carboxymethylaminomethyl-2thiouridine, 5-carboxymethylaminomethyluridine. beta-D-galactosylqueosine, 1-3-methylcytidine, methyladenosine, 1-methylinosine, 2.2-dimethylguanosine, 2methyladenosine, 2-methylguanosine, N6-methyladenosine, 7-methylguanosine, 5methoxyaminomethyl-2-thiouridine, 5-methylaminomethyluridine, 5methylcarbonylmethyluridine, 5-methyloxyuridine, 5-methyl-2-thiouridine, 2-methylthio-N6isopentenyladenosine, beta-D-mannosylqueosine, uridine-5-oxyacetic acid, 2-thiocytidine, threonine derivatives and others (Burgin et al., 1996, Biochemistry, 35, 14090; Uhlman & Peyman, supra). By "modified bases" in this aspect is meant nucleoside bases other than adenine, guanine, cytosine and uracil at 1' position or their equivalents; such bases can be used at any position, for example, within the catalytic core of an enzymatic nucleic acid molecule and/or in the substrate-binding regions of the nucleic acid molecule.

By "abasic" or "abasic nucleotide" is meant sugar moieties lacking a base or having other chemical groups in place of a base at the 1' position, (for more details see Wincott *et al.*, International PCT publication No. WO 97/26270).

By "unmodified nucleoside" is meant one of the bases adenine, cytosine, guanine, thymine, uracil joined to the 1' carbon of β -D-ribo-furanose.

By "modified nucleoside" is meant any nucleoside base that contains a modification in the chemical structure of an unmodified nucleoside base or sugar.

By "modified nucleotide" is meant any nucleoside base that contains a modification in the chemical structure of an unmodified nucleoside base, sugar and/or phosphate.

By "consists essentially of" is meant that the active nucleic acid molecule of the invention, for example, an enzymatic nucleic acid molecule, contains an enzymatic center or core equivalent to those in the examples, and binding arms able to bind RNA such that cleavage at the target site occurs. Other sequences can be present that do not interfere with such cleavage. Thus, a core region can, for example, include one or more loop, stem-loop structure, or linker that does not prevent enzymatic activity. Thus, the underlined regions in the sequences in Tables III, IV, VIII and IX can be such a loop, stem-loop, nucleotide linker, and/or non-nucleotide linker and can be represented generally as sequence "X". For example, a core sequence for a hammerhead enzymatic nucleic acid can comprise a conserved sequence, such as 5'-CUGAUGAG-3' and 5'-CGAA-3' connected by "X", where X is 5'-GCCGUUAGGC-3' (SEQ ID NO 37055), or any other Stem II region known in the art, or a nucleotide and/or non-nucleotide linker. Similarly, for other nucleic acid molecules of the instant invention, such as Inozyme, G-cleaver, amberzyme, zinzyme, DNAzyme, antisense, 2-5A antisense, triplex forming nucleic acid, and decoy nucleic acids, other sequences or nonnucleotide linkers can be present that do not interfere with the function of the nucleic acid molecule.

Sequence X can be a linker of ≥ 2 nucleotides in length, for example 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 26, 30, where the nucleotides can be internally base-paired to form a stem of about ≥ 2 base pairs. Alternatively or in addition, sequence X can be a non-nucleotide linker. In yet another embodiment, the nucleotide linker X can be a nucleic acid aptamer, such as an ATP aptamer, HIV Rev aptamer (RRE), HIV Tat aptamer (TAR) and others (for a review see Gold et al., 1995, Annu. Rev. Biochem., 64, 763; and Szostak & Ellington, 1993, in The RNA World, ed. Gesteland and Atkins, pp. 511, CSH Laboratory Press). A "nucleic acid aptamer" as used herein is meant to indicate a nucleic acid sequence capable of interacting with a ligand. The ligand can be any natural or a synthetic molecule, including but not limited to a resin, metabolites, nucleosides, nucleotides, drugs, toxins, transition state analogs, peptides, lipids, proteins, amino acids, nucleic acid molecules, hormones, carbohydrates, receptors, cells, viruses, bacteria and others.

In yet another embodiment, the non-nucleotide linker X is as defined herein. The term "non-nucleotide" as used herein include either abasic nucleotide, polyether, polyamine, polyamide, peptide, carbohydrate, lipid, or polyhydrocarbon compounds. Specific examples include those described by Seela and Kaiser, Nucleic Acids Res. 1990, 18:6353 and Nucleic Acids Res. 1987, 15:3113; Cload and Schepartz, J. Am. Chem. Soc. 1991, 113:6324; Richardson and Schepartz, J. Am. Chem. Soc. 1991, 113:5109; Ma et al., Nucleic Acids Res. 1993, 21:2585 and Biochemistry 1993, 32:1751; Durand et al., Nucleic Acids Res. 1990, 18:6353; McCurdy et al., Nucleosides & Nucleotides 1991, 10:287; Jschke et al., Tetrahedron Lett. 1993, 34:301; Ono et al., Biochemistry 1991, 30:9914; Arnold et al.,

International Publication No. WO 89/02439; Usman et al., International Publication No. WO 95/16731; Dudycz et al., International Publication No. WO 95/11910 and Ferentz and Verdine, J. Am. Chem. Soc. 1991, 113:4000, all hereby incorporated by reference herein. A "non-nucleotide" further means any group or compound that can be incorporated into a nucleic acid chain in the place of one or more nucleotide units, including either sugar and/or phosphate substitutions, and allows the remaining bases to exhibit their enzymatic activity. The group or compound can be abasic in that it does not contain a commonly recognized nucleotide base, such as adenosine, guanine, cytosine, uracil or thymine. Thus, in one embodiment, the invention features an enzymatic nucleic acid molecule having one or more non-nucleotide moieties, and having enzymatic activity to cleave an RNA or DNA molecule.

Enzymatic Nucleic Acid Molecules

There are several known classes of enzymatic nucleic acid molecules capable of cleaving target RNA. In addition, several in vitro selection (evolution) strategies (Orgel, 1979, Proc. R. Soc. London, B 205, 435) have been used to evolve new nucleic acid catalysts capable of catalyzing cleavage and ligation of phosphodiester linkages (Joyce, 1989, Gene, 82, 83-87; Beaudry et al., 1992, Science 257, 635-641; Joyce, 1992, Scientific American 267, 90-97; Breaker et al., 1994, TIBTECH 12, 268; Bartel et al., 1993, Science 261:1411-1418; Szostak, 1993, TIBS 17, 89-93; Kumar et al., 1995, FASEB J., 9, 1183; Breaker, 1996, Curr. Op. Biotech., 7, 442; Santoro et al., 1997, Proc. Natl. Acad. Sci., 94, 4262; Tang et al., 1997, RNA 3, 914; Nakacane & Eckstein, 1994, supra; Long & Uhlenbeck, 1994, supra; Ishizaka et al., 1995, supra; Vaish et al., 1997, Biochemistry 36, 6495; all of these are incorporated by reference herein). Each can catalyze a series of reactions including the hydrolysis of phosphodiester bonds in trans (and thus can cleave other RNA molecules) under physiological conditions. Table I summarizes some of the characteristics of some of these enzymatic nucleic acids. In general, enzymatic nucleic acids act by first binding to a target RNA. Such binding occurs through the target binding portion of an enzymatic nucleic acid that is held in close proximity to an enzymatic portion of the molecule that acts to cleave the target RNA. Thus, the enzymatic nucleic acid first recognizes and then binds a target RNA through complementary base-pairing, and once bound to the correct site, acts enzymatically to cut the target RNA. Strategic cleavage of such a target RNA will destroy its ability to direct synthesis of an encoded protein. After an enzymatic nucleic acid has bound and cleaved its RNA target, it is released from that RNA to search for another target and can repeatedly bind and cleave new targets.

The enzymatic nature of a enzymatic nucleic acid is advantageous over other technologies, since the concentration of enzymatic nucleic acid necessary to affect a therapeutic treatment is lower. This advantage reflects the ability of the enzymatic nucleic acid to act enzymatically. Thus, a single enzymatic nucleic acid molecule is able to cleave many molecules of target RNA. In addition, the enzymatic nucleic acid is a highly specific inhibitor, with the specificity of inhibition depending not only on the base-pairing mechanism of binding to the target RNA, but also on the mechanism of target RNA cleavage. Single mismatches, or base-substitutions, near the site of cleavage can be chosen to completely eliminate catalytic activity of a enzymatic nucleic acid.

Nucleic acid molecules having an endonuclease enzymatic activity are able to repeatedly cleave other separate RNA molecules in a nucleotide base sequence-specific manner. With proper deisgn and construction, such enzymatic nucleic acid molecules can be targeted to any RNA transcript, and efficient cleavage achieved in vitro (Zaug et al., 324, Nature 429 1986; Uhlenbeck, 1987 Nature 328, 596; Kim et al., 84 Proc. Natl. Acad. Sci. USA 8788, 1987; Dreyfus, 1988, Einstein Quart. J. Bio. Med., 6, 92; Haseloff and Gerlach, 334 Nature 585, 1988; Cech, 260 JAMA 3030, 1988; and Jefferies et al., 17 Nucleic Acids Research 1371, 1989; Chartrand et al., 1995, Nucleic Acids Research 23, 4092; Santoro et al., 1997, PNAS 94, 4262).

Because of their sequence-specificity, trans-cleaving enzymatic nucleic acid molecules show promise as therapeutic agents for human disease (Usman & McSwiggen, 1995 Ann. Rep. Med. Chem. 30, 285-294; Christoffersen and Marr, 1995 J. Med. Chem. 38, 2023-2037). Enzymatic nucleic acid molecules can be designed to cleave specific RNA targets within the background of cellular RNA. Such a cleavage event renders the RNA non-functional and abrogates protein expression from that RNA. In this manner, synthesis of a protein associated with a disease state can be selectively inhibited.

Enzymatic nucleic acid molecules that cleave the specified sites in WNV-specific RNAs represent a novel therapeutic approach to treat WNV infection, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and/or other disease states associated with WNV infection. The enzymatic nucleic acid molecules of the present invention can modulate, for example, down-regulate th activity of WNV via their catalytic activity. Those of ordinary skill in the art would realize that other enzymatic nucleic acid molecules that cleave WNV

RNAs can be designed using the techniques and other teachings described herein and thus are within the scope of the invention.

In one embodiment, the invention features the use of an enzymatic nucleic acid molecule, which can be in the hammerhead, NCH (Inozyme), G-cleaver, amberzyme, zinzyme and/or DNAzyme motif, to modulate the expression of a WNV gene or genes. In one particular embodiment, the enzymatic nucleic acid molecule is used to down-regulate the expression of a WNV gene or genes.

In one of the preferred embodiments of the inventions described herein, the enzymatic nucleic acid molecule is formed in a hammerhead or hairpin motif, but can also be formed in the motif of a hepatitis delta virus, group I intron, group II intron or RNase P RNA (in association with an RNA guide sequence), DNAzymes, NCH cleaving motifs (inozymes), or G-cleavers. Examples of such hammerhead motifs (Figure 1a) are described in Dreyfus, supra, Rossi et al., 1992, AIDS Research and Human Retroviruses 8, 183. Examples of hairpin motifs are described in Hampel et al., EP0360257, Hampel and Tritz, 1989 Biochemistry 28, 4929, Feldstein et al., 1989, Gene 82, 53, Haseloff and Gerlach, 1989, Gene, 82, 43, Hampel et al., 1990 Nucleic Acids Res. 18, 299; Chowrira & McSwiggen, US. Patent No. 5,631,359. The hepatitis delta virus motif is generally described in Perrotta and Been, 1992 Biochemistry 31, 16. The RNase P motif is generally described in Guerrier-Takada et al., 1983 Cell 35, 849; Forster and Altman, 1990, Science 249, 783; Li and Altman, 1996, Nucleic Acids Res. 24, 835. Examples of group II introns are generally described in Griffin et al., 1995, Chem. Biol. 2, 761; Michels and Pyle, 1995, Biochemistry 34, 2965; Pyle et al., International PCT Publication No. WO 96/22689. The Group I intron is generally described in Cech et al., U.S. Patent 4,987,071. DNAzymes (Figure 4) are generally described in Usman et al., International PCT Publication No. WO 95/11304; Chartrand et al., 1995, NAR 23, 4092; Breaker et al., 1995, Chem. Bio. 2, 655; Santoro et al., 1997, PNAS 94, 4262; Breaker, 1999, Nature Biotechnology, 17, 422-423; Santoro et. al., 2000, J. Am. Chem. Soc., 122, 2433-39). NCH cleaving motifs (Figure 1b) are generally described in Ludwig & Sproat, International PCT Publication No. WO 98/58058; and G-cleavers (Figure 1c) are generally described in Kore et al., 1998, Nucleic Acids Research 26, 4116-4120 and Eckstein et al., International PCT Publication No. WO 99/16871. Additional motifs contemplated by the instant invention include the Allozyme (Breaker et al., WO 98/43993, Shih et. al., U.S. Patent 5,589,332, George et al., U.S. Patent 5,741,679), Amberzyme (Figure 2, Class I motif in Beigelman et al., International PCT publication No. WO 99/55857) and Zinzyme (Figure 3, Class II motif in Beigelman et al., International PCT publication No. WO 99/55857), all these references are incorporated by reference herein in their totalities, including drawings and can also be used in the present invention. These specific motifs are not limiting in the invention. Those skilled in the art will recognize that all that is important is that the

enzymatic molecule have a specific substrate binding site that is complementary to one or more of the target gene RNA regions, and that it have nucleotide sequences within or surrounding that substrate binding site that impart an RNA cleaving activity to the molecule (Cech et al., U.S. Patent No. 4,987,071).

Enzymatic nucleic acid molecules of the invention that are allosterically regulated ("allozymes") can be used to modulate, for example down-regulate, WNV expression. These allosteric enzymatic nucleic acids or allozymes (see for example George et al., US Patent Nos. 5,834,186 and 5,741,679, Shih et al., US Patent No. 5,589,332, Nathan et al., US Patent No 5,871,914, Nathan and Ellington, International PCT publication No. WO 00/24931, Breaker et al., International PCT Publication Nos. WO 00/26226 and 98/27104, and Sullenger et al., International PCT publication No. WO 99/29842) are designed to respond to a signaling agent, for example a WNV proteins, WNV RNA, other proteins and/or RNAs involved in WNV activity, compounds, metals, polymers, molecules and/or drugs that are targeted to WNV infected cells etc., that in turn modulates the activity of the enzymatic nucleic acid molecule. In response to interaction with a predetermined signaling agent, the activity of the allosteric enzymatic nucleic acid is activated or inhibited such that the expression of a particular target is selectively modulated. The target can comprise WNV proteins, WNV RNA, and/or a predetermined cellular component that modulates WNV activity. In a specific example, allosteric enzymatic nucleic acid molecules that are activated by interaction with an RNA encoding a WNV protein are used as therapeutic agents in vivo to down-regulate WNV expression. The presence of the WNV RNA activates the allosteric enzymatic nucleic acid molecule, which subsequently cleaves the WNV RNA resulting in the inhibition of WNV protein expression. In this manner, cells that express the WNV protein are selectively targeted.

In another non-limiting example, an allozyme can be activated by a WNV protein, peptide, or mutant polypeptide that cause the allozyme to inhibit the expression of WNV genes, by, for example, cleaving RNA encoded by the WNV gene. In this non-limiting example, the allozyme acts as a decoy to inhibit the function of WNV and also inhibit the expression of WNV once activated by the WNV protein.

Target sites

Targets for useful nucleic acid molecules can be determined as disclosed in Draper et al., WO 93/23569; Sullivan et al., WO 93/23057; Thompson et al., WO 94/02595; Draper et al., WO 95/04818; McSwiggen et al., US Patent No. 5,525,468 and hereby incorporated by reference herein in totality. Rather than repeat the guidance provided in those documents here, below are provided specific examples of such methods, not limiting to those in the art.

Nucleic acid molecules to such targets are designed as described in those applications and synthesized for testing *in vitro* and *in vivo*, as also described. Such nucleic acid molecules can also be optimized and delivered as described therein.

The sequence of WNV RNAs were screened for optimal nucleic acid target sites using a computer folding algorithm. Enzymatic nucleic acid cleavage sites were identified. These sites are shown in Tables III-XIII (All sequences are 5' to 3' in the tables, underlined regions can be any sequence "X" or linker X, the actual sequence is not relevant). The nucleotide base position is noted in the tables as that site designed for cleavage by the designated type of enzymatic nucleic acid. The nucleotide base position is noted in the tables as that site designed for cleavage by the designated type of enzymatic nucleic acid molecules.

Because WNV RNAs are highly homologous in certain regions, for example, the 39-UTR, nucleic acid molecule target sites in such regions are also homologous. In such instances, a specific nucleic acid molecule can target different classes sub-types, and variants of WNV RNA. The advantage of a nucleic acid molecule that targets several classes, sub-types or variants of WNV RNA is clear, especially in cases where one or more of these RNAs contribute to the disease state.

Enzymatic nucleic acid molecules were designed that could bind to target sequences and were individually analyzed by computer folding (Jaeger et al., 1989 Proc. Natl. Acad. Sci. USA, 86, 7706) to assess whether the enzymatic nucleic acid sequences fold into the appropriate secondary structure. Those enzymatic nucleic acid molecules with unfavorable intramolecular interactions between the binding arms and the catalytic core are eliminated from consideration. Varying binding arm lengths can be chosen to optimize activity. Generally, at least 5 bases on each arm are able to bind to, or otherwise interact with, the target RNA. Enzymatic nucleic acid molecules of the different motifs were designed to anneal to various sites in the mRNA message. The binding arms are complementary to the target site sequences described above.

Synthesis of Nucleic Acid Molecules

Synthesis of nucleic acids greater than 100 nucleotides in length is difficult using automated methods, and the therapeutic cost of such molecules is prohibitive. In this invention, small nucleic acid motifs ("small" refers to nucleic acid motifs less than about 100 nucleotides in length, and in one embodiment, less than about 80 nucleotides in length, and in

another embodiment, less than about 50 nucleotides in length; e.g., antisense oligonucleotides, hammerhead or the NCH ribozymes) can be used for exogenous delivery. The simple structure of these molecules increases the ability of the nucleic acid to invade targeted regions of RNA structure. Exemplary molecules of the instant invention are chemically synthesized, and others can similarly be synthesized.

Oligonucleotides (e.g., antisense GeneBlocs) are synthesized using protocols known in the art, for example, as described in Caruthers et al., 1992, Methods in Enzymology 211, 3-19, Thompson et al., International PCT Publication No. WO 99/54459, Wincott et al., 1995, Nucleic Acids Res. 23, 2677-2684, Wincott et al., 1997, Methods Mol. Bio., 74, 59, Brennan et al., 1998, Biotechnol Bioeng., 61, 33-45, and Brennan, US patent No. 6,001,311. All of these references are incorporated herein by reference. The synthesis of oligonucleotides makes use of common nucleic acid protecting and coupling groups, such as dimethoxytrityl at the 5'-end, and phosphoramidites at the 3'-end. In a non-limiting example, small scale syntheses are conducted on a 394 Applied Biosystems, Inc. synthesizer using a 0.2 μmol scale protocol with a 2.5 min coupling step for 2'-O-methylated nucleotides and a 45 sec coupling step for 2'-deoxy nucleotides. Table II outlines the amounts and the contact times of the reagents used in the synthesis cycle. Alternatively, syntheses at the 0.2 µmol scale can be performed on a 96-well plate synthesizer, such as the instrument produced by Protogene (Palo Alto, CA) with minimal modification to the cycle. A 33-fold excess (60 μ L of 0.11 M = 6.6 μmol) of 2'-O-methyl phosphoramidite and a 105-fold excess of S-ethyl tetrazole (60 μL of $0.25 \text{ M} = 15 \mu\text{mol}$) can be used in each coupling cycle of 2'-O-methyl residues relative to polymer-bound 5'-hydroxyl. A 22-fold excess (40 μ L of 0.11 M = 4.4 μ mol) of deoxy phosphoramidite and a 70-fold excess of S-ethyl tetrazole (40 μ L of 0.25 M = 10 μ mol) can be used in each coupling cycle of deoxy residues relative to polymer-bound 5'-hydroxyl. Average coupling yields on the 394 Applied Biosystems, Inc. synthesizer, determined by colorimetric quantitation of the trityl fractions, are typically 97.5-99%. Other oligonucleotide synthesis reagents for the 394 Applied Biosystems, Inc. synthesizer include; detritylation solution is 3% TCA in methylene chloride (ABI); capping is performed with 16% N-methyl imidazole in THF (ABI) and 10% acetic anhydride/10% 2,6-lutidine in THF (ABI); and oxidation solution is 16.9 mM I₂, 49 mM pyridine, 9% water in THF (PERSEPTIVETM). Burdick & Jackson Synthesis Grade acetonitrile is used directly from the reagent bottle. S-Ethyltetrazole solution (0.25 M in acetonitrile) is made up from the solid obtained from American International Chemical, Inc. Alternately, for the introduction of phosphorothicate linkages, Beaucage reagent (3H-1,2-Benzodithiol-3-one 1,1-dioxide, 0.05 M in acetonitrile) is used.

Deprotection of the antisense oligonucleotides is performed as follows: the polymerbound trityl-on oligoribonucleotide is transferred to a 4 mL glass screw top vial and

suspended in a solution of 40% aq. methylamine (1 mL) at 65 °C for 10 min. After cooling to -20 °C, the supernatant is removed from the polymer support. The support is washed three times with 1.0 mL of EtOH:MeCN:H2O/3:1:1, vortexed and the supernatant is then added to the first supernatant. The combined supernatants, containing the oligoribonucleotide, are dried to a white powder.

The method of synthesis used for normal RNA including certain enzymatic nucleic acid molecules follows the procedure as described in Usman et al., 1987, J. Am. Chem. Soc., 109, 7845; Scaringe et al., 1990, Nucleic Acids Res., 18, 5433; and Wincott et al., 1995, Nucleic Acids Res. 23, 2677-2684 Wincott et al., 1997, Methods Mol. Bio., 74, 59, and makes use of common nucleic acid protecting and coupling groups, such as dimethoxytrityl at the 5'-end, and phosphoramidites at the 3'-end. In a non-limiting example, small scale syntheses are conducted on a 394 Applied Biosystems, Inc. synthesizer using a 0.2 µmol scale protocol with a 7.5 min coupling step for alkylsilyl protected nucleotides and a 2.5 min coupling step for 2'-O-methylated nucleotides. Table II outlines the amounts and the contact times of the reagents used in the synthesis cycle. Alternatively, syntheses at the 0.2 µmol scale can be done on a 96-well plate synthesizer, such as the instrument produced by Protogene (Palo Alto, CA) with minimal modification to the cycle. A 33-fold excess (60 µL of 0.11 M = 6.6 μ mol) of 2'-O-methyl phosphoramidite and a 75-fold excess of S-ethyl tetrazole (60 μ L of 0.25 M = 15 μ mol) can be used in each coupling cycle of 2'-O-methyl residues relative to polymer-bound 5'-hydroxyl. A 66-fold excess (120 μ L of 0.11 M = 13.2 umol) of alkylsilyl (ribo) protected phosphoramidite and a 150-fold excess of S-ethyl tetrazole (120 μ L of 0.25 M = 30 μ mol) can be used in each coupling cycle of ribo residues relative to polymer-bound 5'-hydroxyl. Average coupling yields on the 394 Applied Biosystems, Inc. synthesizer, determined by colorimetric quantitation of the trityl fractions, are typically 97.5-99%. Other oligonucleotide synthesis reagents for the 394 Applied Biosystems, Inc. synthesizer include; detritylation solution is 3% TCA in methylene chloride (ABI); capping is performed with 16% N-methyl imidazole in THF (ABI) and 10% acetic anhydride/10% 2,6-lutidine in THF (ABI); oxidation solution is 16.9 mM I2, 49 mM pyridine, 9% water in THF (PERSEPTIVE™). Burdick & Jackson Synthesis Grade acetonitrile is used directly from the reagent bottle. S-Ethyltetrazole solution (0.25 M in acetonitrile) is made up from the solid obtained from American International Chemical, Inc. Alternately, for the introduction of phosphorothioate linkages, Beaucage reagent (3H-1,2-Benzodithiol-3-one 1,1dioxide0.05 M in acetonitrile) is used.

Deprotection of the RNA is performed using either a two-pot or one-pot protocol. For the two-pot protocol, the polymer-bound trityl-on oligoribonucleotide is transferred to a 4 mL glass screw top vial and suspended in a solution of 40% aq. methylamine (1 mL) at 65 °C for 10 min. After cooling to -20 °C, the supernatant is removed from the polymer support. The

support is washed three times with 1.0 mL of EtOH:MeCN:H2O/3:1:1, vortexed and the supernatant is then added to the first supernatant. The combined supernatants, containing the oligoribonucleotide, are dried to a white powder. The base deprotected oligoribonucleotide is resuspended in anhydrous TEA/HF/NMP solution (300 μ L of a solution of 1.5 mL N-methylpyrrolidinone, 750 μ L TEA and 1 mL TEA•3HF to provide a 1.4 M HF concentration) and heated to 65 °C. After 1.5 h, the oligomer is quenched with 1.5 M NH₄HCO₃.

Alternatively, for the one-pot protocol, the polymer-bound trityl-on oligoribonucleotide is transferred to a 4 mL glass screw top vial and suspended in a solution of 33% ethanolic methylamine/DMSO: 1/1 (0.8 mL) at 65 °C for 15 min. The vial is brought to r.t. TEA•3HF (0.1 mL) is added and the vial is heated at 65 °C for 15 min. The sample is cooled at -20 °C and then quenched with 1.5 M NH₄HCO₃.

For purification of the trityl-on oligomers, the quenched NH₄HCO₃ solution is loaded onto a C-18 containing cartridge that had been prewashed with acetonitrile followed by 50 mM TEAA. After washing the loaded cartridge with water, the RNA is detritylated with 0.5% TFA for 13 min. The cartridge is then washed again with water, salt exchanged with 1 M NaCl and washed with water again. The oligonucleotide is then eluted with 30% acetonitrile.

Inactive hammerhead ribozymes or binding attenuated control (BAC) oligonucleotides are synthesized by substituting a U for G5 and a U for A14 (numbering from Hertel, K. J., et al., 1992, Nucleic Acids Res., 20, 3252). Similarly, one or more nucleotide substitutions can be introduced in other enzymatic nucleic acid molecules to inactivate the molecule and such molecules can serve as a negative control.

The average stepwise coupling yields are typically >98% (Wincott et al., 1995 Nucleic Acids Res. 23, 2677-2684). Those of ordinary skill in the art will recognize that the scale of synthesis can be adapted to be larger or smaller than the example described above including but not limited to 96 well format, all that is important is the ratio of chemicals used in the reaction.

Alternatively, the nucleic acid molecules of the present invention can be synthesized separately and joined together post-synthetically, for example by ligation (Moore et al., 1992, Science 256, 9923; Draper et al., International PCT publication No. WO 93/23569; Shabarova et al., 1991, Nucleic Acids Research 19, 4247; Bellon et al., 1997, Nucleosides & Nucleotides, 16, 951; Bellon et al., 1997, Bioconjugate Chem. 8, 204).

The nucleic acid molecules of the present invention can be modified extensively to enhance stability by modification with nuclease resistant groups, for example, 2'-amino, 2'-C-allyl, 2'-flouro, 2'-O-methyl, 2'-H (for a review see Usman and Cedergren, 1992, TIBS 17, 34;

Usman et al., 1994, Nucleic Acids Symp. Ser. 31, 163). Ribozymes are purified by gel electrophoresis using general methods or are purified by high pressure liquid chromatography (HPLC; See Wincott et al., Supra, the totality of that reference is incorporated herein by reference) and are re-suspended in water.

The sequences of the enzymatic nucleic acids that are chemically synthesized, are shown in Tables III to XIII. Those in the art will recognize that these sequences are representative only of many more such sequences where the enzymatic portion of the enzymatic nucleic acid (all but the binding arms) is altered to affect activity. The enzymatic nucleic acid molecule sequences listed in Tables III to XIII can be formed of ribonucleotides or other nucleotides or non-nucleotides. Such nucleic acids with enzymatic activity are equivalent to the enzymatic nucleic acid molecules described specifically in the tables.

Optimizing Activity of the nucleic acid molecules of the invention.

Chemically synthesizing nucleic acid molecules with modifications (base, sugar and/or phosphate) that prevent their degradation by serum ribonucleases, which can increase their potency (see e.g., Eckstein et al., International Publication No. WO 92/07065; Perrault et al., 1990 Nature 344, 565; Pieken et al., 1991, Science 253, 314; Usman and Cedergren, 1992, Trends in Biochem. Sci. 17, 334; Usman et al., International Publication No. WO 93/15187; and Rossi et al., International Publication No. WO 91/03162; Sproat, US Patent No. 5,334,711; and Burgin et al., supra; all of which are incorporated by reference herein). All of the above references describe various chemical modifications that can be made to the base, phosphate and/or sugar moieties of the nucleic acid molecules described herein. Modifications that enhance their efficacy in cells, and removal of bases from nucleic acid molecules to shorten oligonucleotide synthesis times and reduce chemical requirements are desired.

There are several examples in the art describing sugar, base and phosphate modifications that can be introduced into nucleic acid molecules with significant enhancement in their nuclease stability and efficacy. For example, oligonucleotides are modified to enhance stability and/or enhance biological activity by modification with nuclease resistant groups, for example, 2'-amino, 2'-C-allyl, 2'-flouro, 2'-O-methyl, 2'-H, nucleotide base modifications (for a review see Usman and Cedergren, 1992, TIBS. 17, 34; Usman et al., 1994, Nucleic Acids Symp. Ser. 31, 163; Burgin et al., 1996, Biochemistry, 35, 14090). Sugar modification of nucleic acid molecules has been extensively described in the art (see Eckstein et al., International Publication PCT No. WO 92/07065; Perrault et al.

Nature, 1990, 344, 565-568; Pieken et al. Science, 1991, 253, 314-317; Usman and Cedergren, Trends in Biochem. Sci., 1992, 17, 334-339; Usman et al. International Publication PCT No. WO 93/15187; Sproat, US Patent No. 5,334,711 and Beigelman et al., 1995, J. Biol. Chem., 270, 25702; Beigelman et al., International PCT publication No. WO 97/26270; Beigelman et al., US Patent No. 5,716,824; Usman et al., US patent No. 5,627,053; Woolf et al., International PCT Publication No. WO 98/13526; Thompson et al., USSN 60/082,404 that was filed on April 20, 1998; Karpeisky et al., 1998, Tetrahedron Lett., 39, 1131; Earnshaw and Gait, 1998, Biopolymers (Nucleic acid Sciences), 48, 39-55; Verma and Eckstein, 1998, Annu. Rev. Biochem., 67, 99-134; and Burlina et al., 1997, Bioorg. Med. Chem., 5, 1999-2010; all of the references are hereby incorporated in their totality by reference herein). Such publications describe general methods and strategies to determine the location of incorporation of sugar, base and/or phosphate modifications and the like into enzymatic nucleic acids without inhibiting catalysis, and are incorporated by reference herein. In view of such teachings, similar modifications can be used as described herein to modify the nucleic acid molecules of the instant invention.

In connection with 2'-modified nucleotides as described for the present invention, by "amino" is meant 2'-NH₂ or 2'-O-NH₂, that can be modified or unmodified. Such modified groups are described, for example, in Eckstein *et al.*, U.S. Patent 5,672,695 and Matulic-Adamic *et al.*, WO 98/28317, respectively, which are both incorporated by reference in their entireties.

Various modifications to nucleic acid (e.g., antisense and enzymatic nucleic acid) structure can be made to enhance the utility of these molecules. Such modifications will enhance shelf-life, half-life in vitro, stability, and ease of introduction of such oligonucleotides to the target site, e.g., to enhance penetration of cellular membranes, and confer the ability to recognize and bind to targeted cells.

While chemical modification of oligonucleotide internucleotide linkages with phosphorothioate, phosphorothioate, and/or 5'-methylphosphonate linkages improves stability, excessive modifications can cause some toxicity. Therefore, when designing nucleic acid molecules, the amount of these internucleotide linkages should be minimized. The reduction in the concentration of these linkages should lower toxicity, resulting in increased efficacy and higher specificity of these molecules.

Nucleic acid molecules having chemical modifications that maintain or enhance activity are provided. Such a nucleic acid is also generally more resistant to nucleases than an unmodified nucleic acid. Accordingly, the *in vitro* and/or *in vivo* activity should not be significantly lowered. In cases in which inhibition is the goal, therapeutic nucleic acid molecules delivered exogenously should optimally be stable within cells until translation of the target RNA has been inhibited long enough to reduce the levels of the undesirable protein. This period of time varies between hours to days depending upon the disease state. Clearly, nucleic acid molecules must be resistant to nucleases in order to function as effective intracellular therapeutic agents. Improvements in the chemical synthesis of RNA and DNA (Wincott et al., 1995 Nucleic Acids Res. 23, 2677; Caruthers et al., 1992, Methods in Enzymology 211,3-19 (incorporated by reference herein) have expanded the ability to modify nucleic acid molecules by introducing nucleotide modifications to enhance their nuclease stability, as described above.

In one embodiment, nucleic acid molecules of the invention include one or more G-clamp nucleotides. A G-clamp nucleotide is a modified cytosine analog wherein the modifications confer the ability to hydrogen bond both Watson-Crick and Hoogsteen faces of a complementary guanine within a duplex, see for example Lin and Matteucci, 1998, J. Am. Chem. Soc., 120, 8531-8532. A single G-clamp analog substation within an oligonucleotide can result in substantially enhanced helical thermal stability and mismatch discrimination when hybridized to complementary oligonucleotides. The inclusion of such nucleotides in nucleic acid molecules of the invention results in both enhanced affinity and specificity to nucleic acid targets.

In another embodiment, the invention features conjugates and/or complexes of nucleic acid molecules targeting WNV. Such conjugates and/or complexes can be used to facilitate delivery of molecules into a biological system, such as cells. The conjugates and complexes provided by the instant invention can impart therapeutic activity by transferring therapeutic compounds across cellular membranes, altering the pharmacokinetics, and/or modulating the localization of nucleic acid molecules of the invention. The present invention encompasses the design and synthesis of novel conjugates and complexes for the delivery of molecules, including but not limited to small molecules, lipids, phospholipids, nucleosides, nucleotides, nucleic acids, antibodies, toxins, negatively charged polymers and other polymers, for example proteins, peptides, hormones, carbohydrates, polyethylene glycols, or polyamines, across cellular membranes. In general, the transporters described are designed to be used either individually or as part of a multi-component system, with or without degradable linkers. These compounds are expected to improve delivery and/or localization of nucleic

acid molecules of the invention into a number of cell types originating from different tissues, in the presence or absence of serum (see Sullenger and Cech, US 5,854,038). Conjugates of the molecules described herein can be attached to biologically active molecules via linkers that are biodegradable, such as biodegradable nucleic acid linker molecules.

The term "biodegradable nucleic acid linker molecule" as used herein, refers to a nucleic acid molecule that is designed as a biodegradable linker to connect one molecule to another molecule, for example, a biologically active molecule. The stability of the biodegradable nucleic acid linker molecule can be modulated by using various combinations of ribonucleotides, deoxyribonucleotides, and chemically modified nucleotides, for example, 2'-O-methyl, 2'-fluoro, 2'-amino, 2'-O-amino, 2'-C-allyl, 2'-O-allyl, and other 2'-modified or base modified nucleotides. The biodegradable nucleic acid linker molecule can be a dimer, trimer, tetramer or longer nucleic acid molecule, for example, an oligonucleotide of about 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, or 20 nucleotides in length, or can comprise a single nucleotide with a phosphorus based linkage, for example, a phosphoramidate or phosphodiester linkage. The biodegradable nucleic acid linker molecule can also comprise nucleic acid backbone, nucleic acid sugar, or nucleic acid base modifications.

The term "biodegradable" as used herein, refers to degradation in a biological system, for example enzymatic degradation or chemical degradation.

The term "biologically active molecule" as used herein, refers to compounds or molecules that are capable of eliciting or modifying a biological response in a system. Non-limiting examples of biologically active molecules contemplated by the instant invention include therapeutically active molecules such as antibodies, hormones, antivirals, peptides, proteins, chemotherapeutics, small molecules, vitamins, co-factors, nucleosides, nucleotides, oligonucleotides, enzymatic nucleic acids, antisense nucleic acids, triplex forming oligonucleotides, 2,5-A chimeras, siRNA, dsRNA, allozymes, aptamers, decoys and analogs thereof. Biologically active molecules of the invention also include molecules capable of modulating the pharmacokinetics and/or pharmacodynamics of other biologically active molecules, for example, lipids and polymers such as polyamines, polyamides, polyethylene glycol and other polyethers.

The term "phospholipid" as used herein, refers to a hydrophobic molecule comprising at least one phosphorus group. For example, a phospholipid can comprise a phosphorus containing group and saturated or unsaturated alkyl group, optionally substituted with OH, COOH, oxo, amine, or substituted or unsubstituted aryl groups.

Therapeutic nucleic acid molecules (e.g., enzymatic nucleic acid molecules) delivered exogenously optimally are stable within cells until translation of the target RNA has been inhibited long enough to reduce the levels of the undesirable protein. This period of time varies between hours to days depending upon the disease state. The nucleic acid molecules are resistant to nucleases in order to function as effective intracellular therapeutic agents. Improvements in the chemical synthesis of nucleic acid molecules described in the instant invention and in the art have expanded the ability to modify nucleic acid molecules by introducing nucleotide modifications to enhance their nuclease stability as described above.

In yet another preferred embodiment, nucleic acid catalysts having chemical modifications that maintain or enhance enzymatic activity are provided. Such nucleic acids are also generally more resistant to nucleases than unmodified nucleic acids. Thus, in vitro and/or in vivo the activity should not be significantly lowered. As exemplified herein, such nucleic acid molecules are useful in vitro and/or in vivo even if activity over all is reduced 10 fold (Burgin et al., 1996, Biochemistry, 35, 14090). Such enzymatic nucleic acid molecules herein are said to "maintain" the enzymatic activity of an all RNA enzymatic nucleic acid molecule.

In a preferred embodiment, the invention features modified nucleic acids with phosphate backbone modifications comprising one or more phosphorothioate, phosphorodithioate, methylphosphonate, morpholino, amidate carbamate, carboxymethyl, acetamidate, polyamide, sulfonate, sulfonamide, sulfamate, formacetal, thioformacetal, and/or alkylsilyl, substitutions. For a review of oligonucleotide backbone modifications see Hunziker and Leumann, 1995, Nucleic Acid Analogues: Synthesis and Properties, in Modern Synthetic Methods, VCH, 331-417, and Mesmaeker et al., 1994, Novel Backbone Replacements for Oligonucleotides, in Carbohydrate Modifications in Antisense Research, ACS, 24-39. These references are hereby incorporated by reference herein.

These molecules can improve treatment of the disease by affording the possibility of combination therapies (e.g., multiple nucleic acid molecules targeted to different genes, nucleic acid molecules coupled with known small molecule inhibitors, or intermittent treatment with combinations of nucleic acid molecules (including different enzymatic nucleic acid motifs) and/or other chemical or biological molecules). The treatment of patients with nucleic acid molecules can also include combinations of different types of nucleic acid molecules. Therapies can be devised that include a mixture of enzymatic nucleic acids

(including different enzymatic nucleic acid motifs), antisense and/or 2-5A chimera molecules to one or more targets to alleviate symptoms of a disease.

Administration of Nucleic Acid Molecules

Methods for the delivery of nucleic acid molecules are described in Akhtar et al., 1992, Trends Cell Bio., 2, 139; Delivery Strategies for Antisense Oligonucleotide Therapeutics, ed. Akhtar, 1995, Maurer et al., 1999, Mol. Membr. Biol., 16, 129-140; Hofland and Huang, 1999, Handb. Exp. Pharmacol., 137, 165-192; and Lee et al., 2000, ACS Symp. Ser., 752, 184-192, all of which are incorporated herein by reference. Sullivan et al., PCT WO 94/02595, further describes the general methods for delivery of enzymatic nucleic acid molecules. These protocols can be utilized for the delivery of virtually any nucleic acid molecule. Nucleic acid molecules can be administered to cells by a variety of methods known to those of skill in the art, including, but not restricted to, encapsulation in liposomes, by iontophoresis, or by incorporation into other vehicles, such as hydrogels, cyclodextrins, biodegradable nanocapsules, and bioadhesive microspheres, or by proteinaceous vectors (O'Hare and Normand, International PCT Publication No. WO 00/53722). Alternatively, the nucleic acid/vehicle combination is locally delivered by direct injection or by use of an infusion pump. Direct injection of the nucleic acid molecules of the invention, whether subcutaneous, intramuscular, or intradermal, can take place using standard needle and syringe methodologies, or by needle-free technologies such as those described in Conry et al., 1999, Clin. Cancer Res., 5, 2330-2337 and Barry et al., International PCT Publication No. WO 99/31262.

Specific methods of delivery that can be utilized for CNS delivery of the nucleic acid molecules of the invention are described in Pardridge, 1999, Adv. Drug Delivery Rev., 36, 299-321 and Boado et al., 1998, J. Pharm. Sci., 87, 1308-1315. Many examples in the art describe CNS delivery methods of oligonucleotides by osmotic pump, (see Chun et al., 1998, Neuroscience Letters, 257, 135-138, D'Aldin et al., 1998, Mol. Brain Research, 55, 151-164, Dryden et al., 1998, J. Endocrinol., 157, 169-175, Ghirnikar et al., 1998, Neuroscience Letters, 247, 21-24) or direct infusion (Broaddus et al., 1997, Neurosurg. Focus, 3, article 4). Other routes of delivery include, but are not limited to, oral (tablet or pill form), pulmonary (Patton, 1996, Adv. Drug Delivery Rev., 19, 3-36) and/or intrathecal delivery (Gold, 1997, Neuroscience, 76, 1153-1158). For a comprehensive review on drug delivery strategies including broad coverage of CNS delivery, see Jain, Drug Delivery Systems: Technologies and Commercial Opportunities, Decision Resources, 1998. More detailed descriptions of nucleic acid delivery and administration are provided in Sullivan et al., supra, Draper et al., PCT WO93/23569, Beigelman et al., PCT WO99/05094, and Klimuk et al., PCT WO99/04819 all of which have been incorporated by reference herein.

The molecules of the instant invention can be used as pharmaceutical agents. Pharmaceutical agents prevent, inhibit the occurrence, or treat (alleviate a symptom to some extent, or all of the symptoms) of a disease state in a patient.

Thus, the invention features a pharmaceutical composition comprising one or more nucleic acid(s) of the invention in an acceptable carrier, such as a stabilizer, buffer, and the like. The negatively charged polynucleotides of the invention can be administered (e.g., RNA, DNA or protein) and introduced into a patient by any standard means, with or without stabilizers, buffers, and the like, to form a pharmaceutical composition. When it is desired to use a lipid or liposome delivery mechanism, standard protocols for formulation can be followed. The compositions of the present invention can also be formulated and used as tablets, capsules or elixirs for oral administration, suppositories for rectal administration, sterile solutions, suspensions for injectable administration; and the like.

The present invention also includes pharmaceutically acceptable formulations of the compounds described. These formulations include salts of the above compounds, e.g., acid addition salts, for example, salts of hydrochloric, hydrobromic, acetic acid, and benzene sulfonic acid.

A pharmacological composition or formulation refers to a composition or formulation in a form suitable for administration, e.g., systemic administration, into a cell or patient, including for example a human. Suitable forms, in part, depend upon the use or the route of entry, for example oral, transdermal, or by injection. Such forms should not prevent the composition or formulation from reaching a target cell (i.e., a cell to which the negatively charged nucleic acid is desirable for delivery). For example, pharmacological compositions injected into the blood stream should be soluble. Other factors are known in the art, and include considerations such as toxicity and forms that prevent the composition or formulation from exerting its effect.

By "systemic administration" is meant in vivo systemic absorption or accumulation of drugs in the blood stream followed by distribution throughout the entire body. Administration routes that can lead to systemic absorption include, without limitations: intravenous, subcutaneous, intraperitoneal, inhalation, oral, intrapulmonary and intramuscular. Each of these administration routes expose the desired negatively charged polymers, e.g., nucleic acids, to an accessible diseased tissue. The rate of entry of a drug into

the circulation has been shown as a function of molecular weight or size. The use of a liposome or other drug carrier comprising the compounds of the instant invention can potentially localize the drug, for example, in certain tissue types, such as the tissues of the reticular endothelial system (RES). A liposome formulation that can facilitate the association of drug with the surface of cells, such as, lymphocytes and macrophages is also useful. This approach can provide enhanced delivery of the drug to target cells by taking advantage of the specificity of macrophage and lymphocyte immune recognition of abnormal cells, such as the WNV infected liver cells.

By "pharmaceutically acceptable" formulation is meant, a composition or formulation that allows for the effective distribution of the nucleic acid molecules of the instant invention in the physical location most suitable for their desired activity. Nonlimiting examples of agents suitable for formulation with the nucleic acid molecules of the instant invention include: P-glycoprotein inhibitors (such as Pluronic P85) that can enhance entry of drugs into the CNS (Jolliet-Riant and Tillement, 1999, Fundam. Clin. Pharmacol., 13, 16-26); biodegradable polymers, such as poly (DL-lactide-coglycolide) microspheres for sustained release delivery after intracerebral implantation (Emerich, DF et al, 1999, Cell Transplant, 8, 47-58) Alkermes, Inc. Cambridge, MA; and loaded nanoparticles, such as those made of polybutylcyanoacrylate, that can deliver drugs across the blood brain barrier and can alter neuronal uptake mechanisms (Prog Neuropsychopharmacol Biol Psychiatry, 23, 941-949, Other non-limiting examples of CNS delivery strategies for the nucleic acid molecules of the instant invention include material described in Boado et al., 1998, J. Pharm. Sci., 87, 1308-1315; Tyler et al., 1999, FEBS Lett., 421, 280-284; Pardridge et al., 1995, PNAS USA., 92, 5592-5596; Boado, 1995, Adv. Drug Delivery Rev., 15, 73-107; Aldrian-Herrada et al., 1998, Nucleic Acids Res., 26, 4910-4916; and Tyler et al., 1999, PNAS USA., 96, 7053-7058.

The invention also features the use of a composition comprising surface-modified liposomes containing poly (ethylene glycol) lipids (PEG-modified, or long-circulating liposomes or stealth liposomes). These formulations offer an method for increasing the accumulation of drugs in target tissues. This class of drug carriers resists opsonization and elimination by the mononuclear phagocytic system (MPS or RES), thereby enabling longer blood circulation times and enhanced tissue exposure for the encapsulated drug (Lasic et al. Chem. Rev. 1995, 95, 2601-2627; Ishiwataet al., Chem. Pharm. Bull. 1995, 43, 1005-1011). Such liposomes have been shown to accumulate selectively in tumors, presumably by

extravasation and capture in the neovascularized target tissues (Lasic et al., Science 1995, 267, 1275-1276; Oku et al., 1995, Biochim. Biophys. Acta, 1238, 86-90). The long-circulating liposomes enhance the pharmacokinetics and pharmacodynamics of DNA and RNA, particularly compared to conventional cationic liposomes that are known to accumulate in tissues of the MPS (Liu et al., J. Biol. Chem. 1995, 42, 24864-24870; Choi et al., International PCT Publication No. WO 96/10391; Ansell et al., International PCT Publication No. WO 96/10390; Holland et al., International PCT Publication No. WO 96/10392; all of these are incorporated by reference herein). Long-circulating liposomes are also likely to protect drugs from nuclease degradation to a greater extent compared to cationic liposomes, based on their ability to avoid accumulation in metabolically aggressive MPS tissues such as the liver and spleen. All of these references are incorporated by reference herein.

In addition, other cationic molecules can also be utilized to deliver the molecules of the present invention. For example, nucleic acid molecule can be conjugated to glycosylated poly(L-lysine) that has been shown to enhance localization of antisense oligonucleotides into the liver (Nakazono et al., 1996, Hepatology 23, 1297-1303; Nahato et al., 1997, Biochem Pharm. 53, 887-895). Glycosylated poly(L-lysine) can be covently attached to the enzymatic nucleic acid or be bound to enzymatic nucleic acid through electrostatic interaction.

The present invention also includes compositions prepared for storage or administration that include a pharmaceutically effective amount of the desired compounds in a pharmaceutically acceptable carrier or diluent. Acceptable carriers or diluents for therapeutic use are well known in the pharmaceutical art, and are described, for example, in Remington's Pharmaceutical Sciences, Mack Publishing Co. (A.R. Gennaro edit. 1985), hereby incorporated by reference herein. For example, preservatives, stabilizers, dyes and flavoring agents can be provided. These include sodium benzoate, sorbic acid and esters of phydroxybenzoic acid. In addition, antioxidants and suspending agents can be used.

A pharmaceutically effective dose is that dose required to prevent, inhibit the occurrence, or treat (alleviate a symptom to some extent, preferably all of the symptoms) of a disease state. The pharmaceutically effective dose depends on the type of disease, the composition used, the route of administration, the type of mammal being treated, the physical characteristics of the specific mammal under consideration, concurrent medication, and other factors that those skilled in the medical arts will recognize. Generally, an amount between

0.1 mg/kg and 100 mg/kg body weight/day of active ingredients is administered dependent upon potency of the negatively charged polymer.

The nucleic acid molecules of the invention and formulations thereof can be administered orally, topically, parenterally, by inhalation or spray, or rectally in dosage unit formulations containing conventional non-toxic pharmaceutically acceptable carriers, adjuvants and/or vehicles. The term parenteral as used herein includes percutaneous, subcutaneous, intravascular (e.g., intravenous), intramuscular, or intrathecal injection or infusion techniques and the like. In addition, there is provided a pharmaceutical formulation comprising a nucleic acid molecule of the invention and a pharmaceutically acceptable carrier. One or more nucleic acid molecules of the invention can be present in association with one or more non-toxic pharmaceutically acceptable carriers and/or diluents and/or adjuvants, and if desired other active ingredients. The pharmaceutical compositions containing nucleic acid molecules of the invention can be in a form suitable for oral use, for example, as tablets, troches, lozenges, aqueous or oily suspensions, dispersible powders or granules, emulsion, hard or soft capsules, or syrups or elixirs.

Compositions intended for oral use can be prepared according to any method known to the art for the manufacture of pharmaceutical compositions and such compositions can contain one or more such sweetening agents, flavoring agents, coloring agents or preservative agents in order to provide pharmaceutically elegant and palatable preparations. Tablets contain the active ingredient in admixture with non-toxic pharmaceutically acceptable excipients that are suitable for the manufacture of tablets. These excipients can be for example, inert diluents, such as calcium carbonate, sodium carbonate, lactose, calcium phosphate or sodium phosphate; granulating and disintegrating agents, for example, corn starch, or alginic acid; binding agents, for example starch, gelatin or acacia, and lubricating agents, for example magnesium stearate, stearic acid or talc. The tablets can be uncoated or they can be coated by known techniques. In some cases such coatings can be prepared by known techniques to delay disintegration and absorption in the gastrointestinal tract and thereby provide a sustained action over a longer period. For example, a time delay material such as glyceryl monosterate or glyceryl distearate can be employed.

Formulations for oral use can also be presented as hard gelatin capsules wherein the active ingredient is mixed with an inert solid diluent, for example, calcium carbonate, calcium phosphate or kaolin, or as soft gelatin capsules wherein the active ingredient is mixed with water or an oil medium, for example peanut oil, liquid paraffin or olive oil.

Aqueous suspensions contain the active materials in admixture with excipients suitable for the manufacture of aqueous suspensions. Such excipients are suspending agents, for example sodium carboxymethylcellulose, methylcellulose, hydropropyl-methylcellulose,

sodium alginate, polyvinylpyrrolidone, gum tragacanth and gum acacia; dispersing or wetting agents can be a naturally-occurring phosphatide, for example, lecithin, or condensation products of an alkylene oxide with fatty acids, for example polyoxyethylene stearate, or condensation products of ethylene oxide with long chain aliphatic alcohols, for example heptadecaethyleneoxycetanol, or condensation products of ethylene oxide with partial esters derived from fatty acids and a hexitol such as polyoxyethylene sorbitol monooleate, or condensation products of ethylene oxide with partial esters derived from fatty acids and hexitol anhydrides, for example polyethylene sorbitan monooleate. The aqueous suspensions can also contain one or more preservatives, for example ethyl, or n-propyl p-hydroxybenzoate, one or more coloring agents, one or more flavoring agents, and one or more sweetening agents, such as sucrose or saccharin.

Oily suspensions can be formulated by suspending the active ingredients in a vegetable oil, for example arachis oil, olive oil, sesame oil or coconut oil, or in a mineral oil such as liquid paraffin. The oily suspensions can contain a thickening agent, for example beeswax, hard paraffin or cetyl alcohol. Sweetening agents and flavoring agents can be added to provide palatable oral preparations. These compositions can be preserved by the addition of an anti-oxidant such as ascorbic acid.

Dispersible powders and granules suitable for preparation of an aqueous suspension by the addition of water provide the active ingredient in admixture with a dispersing or wetting agent, suspending agent and one or more preservatives. Suitable dispersing or wetting agents or suspending agents are exemplified by those already mentioned above. Additional excipients, for example sweetening, flavoring and coloring agents, can also be present.

Pharmaceutical compositions of the invention can also be in the form of oil-in-water emulsions. The oily phase can be a vegetable oil or a mineral oil or mixtures of these. Suitable emulsifying agents can be naturally-occurring gums, for example gum acacia or gum tragacanth, naturally-occurring phosphatides, for example soy bean, lecithin, and esters or partial esters derived from fatty acids and hexitol, anhydrides, for example sorbitan monooleate, and condensation products of the said partial esters with ethylene oxide, for example polyoxyethylene sorbitan monooleate. The emulsions can also contain sweetening and flavoring agents.

Syrups and elixirs can be formulated with sweetening agents, for example glycerol, propylene glycol, sorbitol, glucose or sucrose. Such formulations can also contain a demulcent, a preservative and flavoring and coloring agents. The pharmaceutical compositions can be in the form of a sterile injectable aqueous or oleaginous suspension. This suspension can be formulated according to the known art using those suitable dispersing

or wetting agents and suspending agents that have been mentioned above. The sterile injectable preparation can also be a sterile injectable solution or suspension in a non-toxic parentally acceptable diluent or solvent, for example as a solution in 1,3-butanediol. Among the acceptable vehicles and solvents that can be employed are water, Ringer's solution and isotonic sodium chloride solution. In addition, sterile, fixed oils are conventionally employed as a solvent or suspending medium. For this purpose any bland fixed oil can be employed including synthetic mono-or diglycerides. In addition, fatty acids such as oleic acid find use in the preparation of injectables.

The nucleic acid molecules of the invention can also be administered in the form of suppositories, e.g., for rectal administration of the drug. These compositions can be prepared by mixing the drug with a suitable non-irritating excipient that is solid at ordinary temperatures but liquid at the rectal temperature and will therefore melt in the rectum to release the drug. Such materials include cocoa butter and polyethylene glycols.

Nucleic acid molecules of the invention can be administered parenterally in a sterile medium. The drug, depending on the vehicle and concentration used, can either be suspended or dissolved in the vehicle. Advantageously, adjuvants such as local anesthetics, preservatives and buffering agents can be dissolved in the vehicle.

Dosage levels of the order of from about 0.1 mg to about 140 mg per kilogram of body weight per day are useful in the treatment of the above-indicated conditions (about 0.5 mg to about 7 g per patient per day). The amount of active ingredient that can be combined with the carrier materials to produce a single dosage form varies depending upon the host treated and the particular mode of administration. Dosage unit forms generally contain between from about 1 mg to about 500 mg of an active ingredient.

It is understood that the specific dose level for any particular patient depends upon a variety of factors including the activity of the specific compound employed, the age, body weight, general health, sex, diet, time of administration, route of administration, and rate of excretion, drug combination and the severity of the particular disease undergoing therapy.

For administration to non-human animals, the composition can also be added to the animal feed or drinking water. It can be convenient to formulate the animal feed and drinking water compositions so that the animal takes in a therapeutically appropriate quantity of the composition along with its diet. It can also be convenient to present the composition as a premix for addition to the feed or drinking water.

The nucleic acid molecules of the present invention can also be administered to a patient in combination with other therapeutic compounds to increase the overall therapeutic

effect. The use of multiple compounds to treat an indication can increase the beneficial effects while reducing the presence of side effects.

Alternatively, the enzymatic nucleic acid molecules of the instant invention can be expressed within cells from eukaryotic promoters (e.g., Izant and Weintraub, 1985 Science 229, 345; McGarry and Lindquist, 1986 Proc. Natl. Acad. Sci. USA 83, 399; Scanlon et al., 1991, Proc. Natl. Acad. Sci. USA, 88, 10591-5; Kashani-Sabet et al., 1992 Antisense Res. Dev., 2, 3-15; Dropulic et al., 1992 J. Virol, 66, 1432-41; Weerasinghe et al., 1991 J. Virol, 65, 5531-4; Ojwang et al., 1992 Proc. Natl. Acad. Sci. USA 89, 10802-6; Chen et al., 1992 Nucleic Acids Res., 20, 4581-9; Sarver et al., 1990 Science 247, 1222-1225; Thompson et al., 1995 Nucleic Acids Res. 23, 2259; Good et al., 1997, Gene Therapy, 4, 45; all of the references are hereby incorporated in their totality by reference herein). Those skilled in the art realize that any nucleic acid can be expressed in eukaryotic cells from the appropriate DNA/RNA vector. The activity of such nucleic acids can be augmented by their release from the primary transcript by a enzymatic nucleic acid (Draper et al., PCT WO 93/23569, and Sullivan et al., PCT WO 94/02595; Ohkawa et al., 1992 Nucleic Acids Symp. Ser., 27, 15-6; Taira et al., 1991, Nucleic Acids Res., 19, 5125-30; Ventura et al., 1993 Nucleic Acids Res., 21, 3249-55; Chowrira et al., 1994 J. Biol. Chem. 269, 25856; all of the references are hereby incorporated in their totality by reference herein).

In another aspect of the invention, RNA molecules of the present invention can be expressed from transcription units (see for example Couture et al., 1996, TIG., 12, 510) inserted into DNA or RNA vectors. The recombinant vectors can be DNA plasmids or viral vectors. Ribozyme expressing viral vectors can be constructed based on, but not limited to, adeno-associated virus, retrovirus, adenovirus, or alphavirus. The recombinant vectors capable of expressing the nucleic acid molecules can be delivered as described above, and persist in target cells. Alternatively, viral vectors can be used that provide for transient expression of nucleic acid molecules. Such vectors can be repeatedly administered as necessary. Once expressed, the nucleic acid molecule binds to the target mRNA. Delivery of nucleic acid molecule expressing vectors can be systemic, such as by intravenous or intramuscular administration, by administration to target cells ex-planted from the patient followed by reintroduction into the patient, or by any other means that would allow for introduction into the desired target cell (for a review see Couture et al., 1996, TIG., 12, 510).

In one aspect, the invention features an expression vector comprising nucleic acid sequence encoding at least one of the nucleic acid molecules of the instant invention. The

nucleic acid sequence encoding the nucleic acid molecules of the instant invention is operably linked in a manner that allows expression of that nucleic acid molecule.

In another aspect, the invention features an expression vector comprising: a) a transcription initiation region (e.g., eukaryotic pol I, II or III initiation region); b) a transcription termination region (e.g., eukaryotic pol I, II or III termination region); c) a nucleic acid sequence encoding at least one of the nucleic acid molecules of the instant invention; and wherein said sequence is operably linked to said initiation region and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule. The vector can optionally include an open reading frame (ORF) for a protein operably linked on the 5' side or the 3'-side of the sequence encoding the nucleic acid catalyst of the invention; and/or an intron (intervening sequences).

Transcription of the nucleic acid molecule sequences can be driven from a promoter for eukaryotic RNA polymerase I (pol I), RNA polymerase II (pol II), or RNA polymerase III (pol III). Transcripts from pol II or pol III promoters are generally expressed at high levels in all cells; the levels of a given pol II promoter in a given cell type will depend on the nature of the gene regulatory sequences (enhancers, silencers, etc.) present nearby. Prokaryotic RNA polymerase promoters can be also used, providing that the prokaryotic RNA polymerase enzyme is expressed in the appropriate cells (Elroy-Stein and Moss, 1990, Proc. Natl. Acad. Sci. USA, 87, 6743-7; Gao and Huang 1993, Nucleic Acids Res., 21, 2867-72; Lieber et al., 1993, Methods Enzymol., 217, 47-66; Zhou et al., 1990, Mol. Cell. Biol., 10, 4529-37). All of these references are incorporated by reference herein. Several investigators have demonstrated that nucleic acid molecules, such as enzymatic nucleic acids, expressed from such promoters function in mammalian cells (e.g. Kashani-Sabet et al., 1992, Antisense Res. Dev., 2, 3-15; Ojwang et al., 1992, Proc. Natl. Acad. Sci. USA, 89, 10802-6; Chen et al., 1992, Nucleic Acids Res., 20, 4581-9; Yu et al., 1993, Proc. Natl. Acad. Sci. U S A, 90, 6340-4; L'Huillier et al., 1992, EMBO J., 11, 4411-8; Lisziewicz et al., 1993, Proc. Natl. Acad. Sci. U. S. A, 90, 8000-4; Thompson et al., 1995, Nucleic Acids Res., 23, 2259; Sullenger & Cech, 1993, Science, 262, 1566). More specifically, transcription units such as the ones derived from genes encoding U6 small nuclear (snRNA), transfer RNA (tRNA) and adenovirus VA RNA are useful in generating high concentrations of desired RNA molecules such as enzymatic nucleic acids in cells (Thompson et al., supra; Couture and Stinchcomb, 1996, supra; Noonberg et al., 1994, Nucleic Acid Res., 22, 2830; Noonberg et al., US Patent No. 5,624,803; Good et al., 1997, Gene Ther., 4, 45; Beigelman et al., International PCT

Publication No. WO 96/18736; all of these publications are incorporated by reference herein. The above enzymatic nucleic acid transcription units can be incorporated into a variety of vectors for introduction into mammalian cells, including but not restricted to, plasmid DNA vectors, viral DNA vectors (such as adenovirus or adeno-associated virus vectors), or viral RNA vectors (such as retroviral or alphavirus vectors) (for a review see Couture and Stinchcomb, 1996, supra).

In yet another aspect, the invention features an expression vector comprising nucleic acid sequence encoding at least one of the nucleic acid molecules of the invention, in a manner that allows expression of that nucleic acid molecule. The expression vector comprises in one embodiment; a) a transcription initiation region; b) a transcription termination region; and c) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to said initiation region and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

In another embodiment, the expression vector comprises: a) a transcription initiation region; b) a transcription termination region; c) an open reading frame; and d) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to the 3'-end of said open reading frame and wherein said sequence is operably linked to said initiation region, said open reading frame and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

In yet another embodiment, the expression vector comprises: a) a transcription initiation region; b) a transcription termination region; c) an intron; and d) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to said initiation region, said intron and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

In another embodiment, the expression vector comprises: a) a transcription initiation region; b) a transcription termination region; c) an intron; d) an open reading frame; and e) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to the 3'-end of said open reading frame and wherein said sequence is operably linked to said initiation region, said intron, said open reading frame and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

The nucleic acid molecules of the present invention can also be administered to a patient in combination with other therapeutic compounds to increase the overall therapeutic effect. The use of multiple compounds to treat an indication can increase the beneficial effects while reducing the presence of side effects.

Interferons

Type I interferons (IFN) are a class of natural cytokines that includes a family of greater than twenty-five IFN-\alpha (Pesta, 1986, Methods Enzymol. 119, 3-14) as well as IFN-\beta, and IFN-ω. Although evolutionarily derived from the same gene (Diaz et al., 1994, Genomics 22, 540-552), there are many differences in the primary sequence of these molecules, implying an evolutionary divergence in biologic activity. All type I IFN share a common pattern of biologic effects that begin with binding of the IFN to the cell surface receptor (Pfeffer & Strulovici, 1992, Transmembrane secondary messengers for IFN-α/β, In: Interferon. Principles and Medical Applications., S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Fleischmann Jr., T.K. Hughes Jr., G.R. Kimpel, D.W. Niesel, G.J. Stanton, and S.K. Tyring, eds. 151-160). Binding is followed by activation of tyrosine kinases, including the Janus tyrosine kinases and the STAT proteins, which leads to the production of several IFNstimulated gene products (Johnson et al., 1994, Sci. Am. 270, 68-75). The IFN-stimulated gene products are responsible for the pleotropic biologic effects of type I IFN, including antiviral, antiproliferative, and immunomodulatory effects, cytokine induction, and HLA class I and class II regulation (Pestka et al., 1987, Annu. Rev. Biochem 56, 727). Examples of IFNstimulated gene products include 2-5-oligoadenylate synthetase (2-5 OAS), β₂-microglobulin, neopterin, p68 kinases, and the Mx protein (Chebath & Revel, 1992, The 2-5 A system: 2-5 A synthetase, isospecies and functions. In: Interferon. Principles and Medical Applications. S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Jr. Fleischmann, T.K. Jr Hughes, G.R. Kimpel, D.W. Niesel, G.J. Stanton, and S.K. Tyring, eds., pp. 225-236; Samuel, 1992, The RNAdependent P1/eIF-2\alpha protein kinase. In: Interferon. Principles and Medical Applications. S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Fleischmann Jr., T.K. Hughes Jr., G.R. Kimpel, D.W. Niesel, G.H. Stanton, and S.K. Tyring, eds. 237-250; Horisberger, 1992, MX protein: function and Mechanism of Action. In: Interferon. Principles and Medical Applications. S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Fleischmann Jr., T.K. Hughes Jr., G.R. Kimpel, D.W. Niesel, G.H. Stanton, and S.K. Tyring, eds. 215-224). Although all type I IFN have similar biologic effects, not all the activities are shared by each type I IFN, and, in many

cases, the extent of activity varies quite substantially for each IFN subtype (Fish et al, 1989, J. Interferon Res. 9, 97-114; Ozes et al., 1992, J. Interferon Res. 12, 55-59). More specifically, investigations into the properties of different subtypes of IFN-α and molecular hybrids of IFN-α have shown differences in pharmacologic properties (Rubinstein, 1987, J. Interferon Res. 7, 545-551). These pharmacologic differences can arise from as few as three amino acid residue changes (Lee et al., 1982, Cancer Res. 42, 1312-1316).

Eighty-five to 166 amino acids are conserved in the known IFN- α subtypes. Excluding the IFN- α pseudogenes, there are approximately 25 known distinct IFN- α subtypes. Pairwise comparisons of these nonallelic subtypes show primary sequence differences ranging from 2% to 23%. In addition to the naturally occurring IFNs, a non-natural recombinant type I interferon known as consensus interferon (CIFN) has been synthesized as a therapeutic compound (Tong et al., 1997, Hepatology 26, 747-754).

Interferon is currently in use for at least 12 different indications, including infectious and autoimmune diseases and cancer (Borden, 1992, N. Engl. J. Med. 326, 1491-1492). For autoimmune diseases, IFN has been utilized for treatment of rheumatoid arthritis, multiple sclerosis, and Crohn's disease. For treatment of cancer, IFN has been used alone or in combination with a number of different compounds. Specific types of cancers for that IFN has been used include squamous cell carcinomas, melanomas, hypernephromas, hemangiomas, hairy cell leukemia, and Kaposi's sarcoma. In the treatment of infectious diseases, IFNs increase the phagocytic activity of macrophages and cytotoxicity of lymphocytes and inhibits the propagation of cellular pathogens. Specific indications for that IFN has been used as treatment include: hepatitis B, human papillomavirus types 6 and 11 (i.e. genital warts) (Leventhal et al., 1991, N Engl J Med 325, 613-617), chronic granulomatous disease, and hepatitis C virus.

Nucleic acid molecules of the instant invention, in combination with IFN, have the potential to improve the effectiveness of treatment of WNV or any of the other indications discussed above. Nucleic acid molecules targeting RNAs associated with diseases such as infectious diseases, autoimmune diseases, and cancer, can be used individually or in combination with other therapies such as IFN to achieve enhanced efficacy.

Examples

The following are non-limiting examples showing the selection, isolation, synthesis and activity of nucleic acids of the instant invention.

The following examples demonstrate the selection and design of Antisense, hammerhead, DNAzyme, NCH, Amberzyme, Zinzyme, or G-Cleaver enzymatic nucleic acid molecules and binding/cleavage sites within WNV RNA.

Example 1: Identification of Potential Target Sites in Human WNV RNA

The sequence of human WNV was screened for accessible sites using a computer-folding algorithm. Regions of the RNA that do not form secondary folding structures and contained potential enzymatic nucleic acid and/or antisense binding/cleavage sites were identified. The sequences of these binding/cleavage sites are shown in Tables III-XIII.

Example 2: Selection of Enzymatic Nucleic Acid Cleavage Sites in Human WNV RNA

Enzymatic nucleic acid target sites were chosen by analyzing sequences of Human WNV (Genbank accession No: AF196835) and prioritizing the sites on the basis of folding. Enzymatic nucleic acid molecules are designed that could bind each target and are individually analyzed by computer folding (Christoffersen et al., 1994 J. Mol. Struc. Theochem, 311, 273; Jaeger et al., 1989, Proc. Natl. Acad. Sci. USA, 86, 7706) to assess whether the enzymatic nucleic acid molecules sequences fold into the appropriate secondary structure. Those enzymatic nucleic acid molecules with unfavorable intramolecular interactions between the binding arms and the catalytic core are eliminated from consideration. As noted below, varying binding arm lengths can be chosen to optimize activity. Generally, at least 4 bases on each arm can bind to, or otherwise interact with, the target RNA.

Example 3: Chemical Synthesis and Purification of Enzymatic nucleic acid molecules and Antisense for Efficient Cleavage and/or blocking of WNV RNA

Enzymatic nucleic acid molecules and antisense constructs can be designed to anneal to various sites in the RNA transcript. The binding arms of the enzymatic nucleic acid molecules are complementary to the target site sequences described above, while the antisense constructs are complementary to the target site sequences described above. The enzymatic nucleic acid molecules and antisense constructs can be chemically synthesized using, for example, RNA syntheses such as those described above and those described in Usman et al., (1987 J. Am. Chem. Soc., 109, 7845), Scaringe et al., (1990 Nucleic Acids Res., 18, 5433) and Wincott et al., supra. Such methods make use of common nucleic acid protecting and coupling groups, such as dimethoxytrityl at the 5'-end, and phosphoramidites at the 3'-end. The average stepwise coupling yields are typically >98%.

Enzymatic nucleic acid molecules and antisense constructs also can be synthesized from DNA templates using bacteriophage T7 RNA polymerase (Milligan and Uhlenbeck, 1989, Methods Enzymol. 180, 51). Enzymatic nucleic acid molecules and antisense constructs are purified by gel electrophoresis using known methods, or are purified by high pressure liquid chromatography (HPLC; See Wincott et al., supra; the totality of which is hereby incorporated herein by reference), and are resuspended in water. The sequences of chemically synthesized enzymatic nucleic acid constructs are shown below in Table III-XIII. The enzymatic nucleic acid molecules shown in Table XIII were chemically synthesized. The sequences of chemically synthesized antisense constructs are complimentary sequences to the Substrate sequences shown below as in Table III-XIII.

Example 4: Enzymatic nucleic acid molecule Cleavage of WNV RNA Target in vitro

Enzymatic nucleic acid molecules targeted to the human WNV RNA are designed and synthesized as described above. These enzymatic nucleic acid molecules can be tested for cleavage activity in vitro, for example using the following procedure. The target sequences and the nucleotide location within the WNV RNA are given in Tables III-XIII.

Cleavage Reactions: Full-length or partially full-length, internally-labeled target RNA for the enzymatic nucleic acid cleavage assay is prepared by in vitro transcription in the presence of [a-32p] CTP, passed over a G 50 Sephadex column by spin chromatography and used as substrate RNA without further purification. Alternately, substrates are 5'-32P-end labeled using T4 polynucleotide kinase enzyme. Assays are performed by pre-warming a 2X concentration of purified enzymatic nucleic acid in cleavage buffer (50 mM Tris-HCl, pH 7.5 at 37°C, 10 mM MgCl₂), and the cleavage reaction is initiated by adding the 2X enzymatic nucleic acid mix to an equal volume of substrate RNA (maximum of 1-5 nM) that was also pre-warmed in cleavage buffer. As an initial screen, assays are carried out for 3 hours at 37°C using a final concentration of either 40 nM or 1 mM enzymatic nucleic acid molecule, i.e., enzymatic nucleic acid molecule excess. The reaction is quenched by the addition of an equal volume of 95% formamide, 20 mM EDTA, 0.05% bromophenol blue and 0.05% xylene cyanol after which the sample is heated to 95°C for 2 minutes, quick chilled and loaded onto a denaturing polyacrylamide gel. Substrate RNA and the specific RNA cleavage products generated by enzymatic nucleic acid cleavage are visualized on an autoradiograph of the gel. The percentage of cleavage is determined by Phosphor Imager® quantitation of bands representing the intact substrate and the cleavage products. Using the methods described, five different enzymatic nucleic acid molecules of different motifs were tested for cleavage activity. The results of this study are shown in Table XIV, which shows cleavage data for five different enzymatic nucleic acid motifs (Hammerhead, Inozyme, DNAzyme, Amberzyme and Zinzyme).

Example 5: Nucleic acid inhibition of WNV target RNA in vivo

Nucleic acid molecules targeted to the human WNV RNA are designed and synthesized as described above. These nucleic acid molecules can be tested for cleavage activity *in vivo*, for example, using the procedures described below. The target sequences and the nucleotide location within the WNV RNA are given in **Tables III-XIII**.

Cell Culture Assays

HeLa cells are seeded in 96-well plates at a density of 9000-10,000 cells/well and incubated at 37°C under 5% CO2 for 24 h. Vero and/or BHK-21 cells can also be used. Cells are then infected with WNV for 1 hour at a multiplicity of infection of 2 in a total volume of 0.1 ml per well. Transfection of enzymatic nucleic acid (for example, enzymatic nucleic acid molecule of SEQ ID NOS. 37019-37043) or control oligonucleotides (scrambled or binding-attenuated core sequence; 50 - 200 nM final) is achieved by mixing 5X enzymatic nucleic acid or control oligonucleotides (250 - 1000 nM) and 5X of a cationic lipid in DMEM with 5% fetal bovine serum (FBS) in U-bottom 96-well plates. Enzymatic nucleic acid/lipid complexes are allowed to incubate for 15 min at 37°C under 5% CO2. The viral inoculum is aspirated from cells and replaced with 80 μl of DMEM with 5% FBS serum and 20 μl of 5X nucleic acid/lipid complexes. Cells are incubated with 5X complexes for 24 h at 37°C under 5% CO2. After 24 h, intracellular virus released after freeze/thaw and/or virus secreted into the media is quantified by plaque assay or by a cytopathic effect limiting dilution assay. In addition, viral protein and viral RNA can be analyzed by ELISA and RT-PCR, respectively.

Animal Models

WNV infectivity has been studied in mice (Ben-Nathan et al., 1996m Arch. Virol., 141, 459-469; Chambers et al., 1998, 79, 2375-2380). Mouse models such as those described can be used to study inhibition of WNV by the nucleic acid molecules of the instant invention. For example, the induction to WNV infection in mice has been demonstrated, resulting in penetration of WNV into the central nervous system. Viral infection in mice is exacerbated when animals are macrophage depleted, resulting in higher and extended viremia and accelerated development of encephalitis and death. Both macrophage intact and macrophage depleted mice thus infected with WNV are treated with enzymatic nucleic acids of the invention (SEQ ID NOS: 37019-37043) along with relevant scrambled or attenuated controls via sub-cutaneous injection or intraperitoneal injection. Viral load and mortality are

used as endpoints in the study. As noted in Ben-Nathan et al., supra, an increase in mortality from 50% to 100% results in macrophage depleted mice. A decrease in mortality based on these percentages with a similar decrease in viral load in these animals is indicative of a therapeutic effect mediated by nucleic acid molecules of the invention.

Diagnostic uses

Enzymatic nucleic acid molecules of this invention can be used as diagnostic tools to examine genetic drift and mutations within diseased cells or to detect the presence of WNV RNA in a cell. The close relationship between enzymatic nucleic acid activity and the structure of the target RNA allows the detection of mutations in any region of the molecule that alters the base-pairing and three-dimensional structure of the target RNA. By using multiple enzymatic nucleic acid molecules described in this invention, one can map nucleotide changes that are important to RNA structure and function in vitro, as well as in cells and tissues in vivo. Cleavage of target RNAs with enzymatic nucleic acid molecules can be used to inhibit gene expression and define the role of specified gene products in the progression of disease. In this manner, other genetic targets can be defined as important mediators of the disease. Such methods can improve treatment of the disease by affording the possibility of combination therapies (e.g., multiple enzymatic nucleic acid molecules targeted to different genes, enzymatic nucleic acid molecules coupled with known small molecule inhibitors, or intermittent treatment with combinations of enzymatic nucleic acid molecules and/or other chemical or biological molecules). Other in vitro uses of enzymatic nucleic acids of this invention are well known in the art, and include detection of the presence of mRNAs associated with WNV related condition. Such RNA is detected by determining the presence of a cleavage product after treatment with an enzymatic nucleic acid molecule using standard methodology.

Enzymatic nucleic acid molecules that can cleave only wild-type or mutant forms of the target RNA can be used for the assay. The first enzymatic nucleic acid molecule is used to identify wild-type RNA present in the sample and the second enzymatic nucleic acid molecule will be used to identify mutant RNA in the sample. As reaction controls, synthetic substrates of both wild-type and mutant RNA are cleaved by both enzymatic nucleic acid molecules to demonstrate the relative enzymatic nucleic acid efficiencies in the reactions and the absence of cleavage of the "non-targeted" RNA species. The cleavage products from the synthetic substrates also serve to generate size markers for the analysis of wild-type and

mutant RNAs in the sample population. Thus each analysis requires two enzymatic nucleic acid molecules, two substrates and one unknown sample that is combined into six reactions. The presence of cleavage products is determined using an RNase protection assay so that full-length and cleavage fragments of each RNA can be analyzed in one lane of a polyacrylamide gel. It is not absolutely required to quantify the results to gain insight into the expression of mutant RNAs and putative risk of the desired phenotypic changes in target cells. The expression of mRNA whose protein product is implicated in the development of the phenotype (i.e., WNV) is adequate to establish risk. If probes of comparable specific activity are used for both transcripts, then a qualitative comparison of RNA levels is adequate and decreases the cost of the initial diagnosis. Higher mutant form to wild-type ratios are correlated with higher risk whether RNA levels are compared qualitatively or quantitatively.

Additional Uses

The sequence-specific enzymatic nucleic acid molecules of the instant invention can also have many of the same applications for the study of RNA that DNA restriction endonucleases have for the study of DNA (Nathans et al., 1975 Ann. Rev. Biochem. 44:273). For example, the pattern of restriction fragments can be used to establish sequence relationships between two related RNAs, and large RNAs could be specifically cleaved to fragments of a size more useful for study. The ability to engineer sequence specificity of the enzymatic nucleic acid molecule is ideal for cleavage of RNAs of unknown sequence. Applicant describes the use of nucleic acid molecules to down-regulate gene expression of target genes in bacterial, microbial, fungal, viral, and eukaryotic systems including plant, or mammalian cells.

All patents and publications mentioned in the specification are indicative of the levels of skill of those skilled in the art to that the invention pertains. All references cited in this disclosure are incorporated by reference to the same extent as if each reference had been incorporated by reference in its entirety individually.

One skilled in the art would readily appreciate that the present invention is well adapted to carry out the objects and obtain the ends and advantages mentioned, as well as those inherent therein. The methods and compositions described herein as presently representative of preferred embodiments are exemplary and are not intended as limitations on the scope of the invention. Changes therein and other uses will occur to those skilled in the

art, that are encompassed within the spirit of the invention, are defined by the scope of the claims.

It will be readily apparent to one skilled in the art that varying substitutions and modifications can be made to the invention disclosed herein without departing from the scope and spirit of the invention. Thus, such additional embodiments are within the scope of the present invention and the following claims.

The invention illustratively described herein suitably can be practiced in the absence of any element or elements, limitation or limitations that are not specifically disclosed herein. The terms and expressions that have been employed are used as terms of description and not of limitation, and there is no intention that in the use of such terms and expressions of excluding any equivalents of the features shown and described or portions thereof, but it is recognized that various modifications are possible within the scope of the invention claimed. Thus, it should be understood that although the present invention has been specifically disclosed by preferred embodiments, optional features, modification and variation of the concepts herein disclosed can be resorted to by those skilled in the art, and that such modifications and variations are considered to fall within the scope of this invention as defined by the description and the appended claims.

In addition, where features or aspects of the invention are described in terms of Markush groups or other grouping of alternatives, those skilled in the art will recognize that the invention is also thereby described in terms of any individual member or subgroup of members of the Markush group or other group.

Other embodiments are within the claims that follow.

TABLE I

Characteristics of naturally occurring ribozymes

Group I Introns

- Size: ~150 to >1000 nucleotides.
- Requires a U in the target sequence immediately 5' of the cleavage site.
- Binds 4-6 nucleotides at the 5'-side of the cleavage site.
- Reaction mechanism: attack by the 3'-OH of guanosine to generate cleavage products with 3'-OH and 5'-guanosine.
- Additional protein cofactors required in some cases to help folding and maintainance
 of the active structure.
- Over 300 known members of this class. Found as an intervening sequence in Tetrahymena thermophila rRNA, fungal mitochondria, chloroplasts, phage T4, bluegreen algae, and others.
- Major structural features largely established through phylogenetic comparisons, mutagenesis, and biochemical studies [i,ii].
- Complete kinetic framework established for one ribozyme [iii,iv,v,vi].
- Studies of ribozyme folding and substrate docking underway [vii, viii, ix].
- Chemical modification investigation of important residues well established [x,xi].
- The small (4-6 nt) binding site may make this ribozyme too non-specific for targeted RNA cleavage, however, the Tetrahymena group I intron has been used to repair a "defective" β-galactosidase message by the ligation of new β-galactosidase sequences onto the defective message [xii].

RNAse P RNA (M1 RNA)

- Size: ~290 to 400 nucleotides.
- RNA portion of a ubiquitous ribonucleoprotein enzyme.
- Cleaves tRNA precursors to form mature tRNA [xiii].
- Reaction mechanism: possible attack by M²⁺-OH to generate cleavage products with 3'-OH and 5'-phosphate.
- RNAse P is found throughout the prokaryotes and eukaryotes. The RNA subunit has been sequenced from bacteria, yeast, rodents, and primates.
- Recruitment of endogenous RNAse P for therapeutic applications is possible through hybridization of an External Guide Sequence (EGS) to the target RNA [xiv,xv]
- Important phosphate and 2' OH contacts recently identified [xvi,xvii]

Group II Introns

- Size: >1000 nucleotides.
- Trans cleavage of target RNAs recently demonstrated [xviii,xix].
- Sequence requirements not fully determined.
- Reaction mechanism: 2'-OH of an internal adenosine generates cleavage products with 3'-OH and a "lariat" RNA containing a 3'-5' and a 2'-5' branch point.

- Only natural ribozyme with demonstrated participation in DNA cleavage [xx,xxt] in addition to RNA cleavage and ligation.
- Major structural features largely established through phylogenetic comparisons [xxii].
- Important 2' OH contacts beginning to be identified [xxiii]
- Kinetic framework under development [xxiv]

Neurospora VS RNA

- Size: ~144 nucleotides.
- Trans cleavage of hairpin target RNAs recently demonstrated [xxv].
- Sequence requirements not fully determined.
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- Binding sites and structural requirements not fully determined.
- Only 1 known member of this class. Found in Neurospora VS RNA.

Hammerhead Ribozyme

(see text for references)

- Size: ~13 to 40 nucleotides.
- Requires the target sequence UH immediately 5' of the cleavage site.
- Binds a variable number nucleotides on both sides of the cleavage site.
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- 14 known members of this class. Found in a number of plant pathogens (virusoids) that use RNA as the infectious agent.
- Essential structural features largely defined, including 2 crystal structures [xxvi,xxvii]
- Minimal ligation activity demonstrated (for engineering through in vitro selection)
- Complete kinetic framework established for two or more ribozymes [xxix].
- Chemical modification investigation of important residues well established [xxx].

Hairpin Ribozyme

- Size: ~50 nucleotides.
- Requires the target sequence GUC immediately 3' of the cleavage site.
- Binds 4-6 nucleotides at the 5'-side of the cleavage site and a variable number to the 3'-side of the cleavage site.
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- 3 known members of this class. Found in three plant pathogen (satellite RNAs of the tobacco ringspot virus, arabis mosaic virus and chicory yellow mottle virus) which uses RNA as the infectious agent.
- Essential structural features largely defined [xxi,xxxii,xxxii,xxxii]
- Ligation activity (in addition to cleavage activity) makes ribozyme amenable to engineering through in vitro selection [xxx]
- Complete kinetic framework established for one ribozyme [xxxvi].
- Chemical modification investigation of important residues begun [xxxviii].

Hepatitis Delta Virus (HDV) Ribozym

- Size: ~60 nucleotides.
- Trans cleavage of target RNAs demonstrated [xxxix].
- Binding sites and structural requirements not fully determined, although no sequences 5' of cleavage site are required. Folded ribozyme contains a pseudoknot structure [x1].
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- Only 2 known members of this class. Found in human HDV.
- Circular form of HDV is active and shows increased nuclease stability [xli]
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Table II

Table II:

A. 2.5 µmol Synthesis Cycle ABI 394 Instrument

Reagent	Equivalents	Amount	Walt Time* DNA	Wait Time* 2'- O-methyl	Wait Time* RNA
Phosphoramidites	6.5	163 µL	45 sec	2.5 min	7.5 min
S-Ethyl Tetrazole	23.8	238 µL	45 sec	2.5 min	7.5 min
Acetic Anhydride	100	233 µL	5 sec	5 sec	5 sec
N-Methyl Imidazole	186	233 µL	5 sec	5 sec	5 sec
TCA	176	2.3 mL	21 sec	21 sec	21 sec
lodine	11.2	1.7 mL	45 sec	45 sec	45 sec
Beaucage	12.9	645 µL	100 sec	300 sec	300 sec
Acetonitrile	NA	6.67 mL	NA	NA AN	Ą
	B. 0.2 µmol Sy	nthesis Cycle	B. 0.2 µmol Synthesis Cycle ABI 394 Instrument	**	
Reagent	Equivalents	Amount	Wait Time* DNA	Wait Tlme* 2′- O-methyl	Walt Time* RNA
Phosphoramidites	15	31 µL	45 sec	233 sec	465 sec
S-Ethyl Tetrazole	38.7	31 µL	45 sec	233 mín	465 sec
Acetic Anhydride	655	124 µL	5 sec	5 sec	5 sec
N-Methyl Imidazole	1245	124 µL	5 sec	5 sec	5 sec
TCA	200	732 µL	10 sec	10 sec	10 sec
lodine	20.6	244 pt	15 sec	15 sec	15 sec

Beaucage Acetonitrile	7.7 NA	232 µL 1	100 sec 30 NA N	300 sec 300 sec NA NA	သူ
	Ö	C. 0.2 µmol Synthesis Cycle 96 well Instrument	6 well Instrument		
Reagent	Equivalents DNA/2'-O-methyl/Ribo	Amount DNA/2'-O-methyl/Ribo	Walt Time* DNA	Wait Time* 2'-O- methyl	Walt Time⁴ Rib
Phosphoramidites	22/33/66	40/60/120 µL	eo sec	180 sec	360sec
S-Ethyl Tetrazole	70/105/210	40/60/120 µL	eo sec	180 min	360 sec
Acetic Anhydride	265/265/265	50/50/50 µL	10 sec	10 sec	10 sec
N-Methyl Imidazole	502/502/502	50/50/50 µL	10 sec	10 sec	10 sec
TCA	238/475/475	250/500/500 µL	15 sec	15 sec	15 sec
lodine	6.8/6.8/6.8	80/80/80 µL	30 sec	30 sec	30 sec
Beancage	34/51/51	80/120/120	100 sec	200 sec	200 sec
Acetonitrile	NA	1150/1150/1150 µL	NA	NA	NA

* Walt time does not include contact time during delivery.

 ${\bf Table~III}$ ${\bf Table~III:~WNV~Hammerhead~Ribozyme~and~Target~Sequence}$

Pos	Substrate	Seq ID	Ribozyme	Rs Seq
<u></u>	212112711127777			ID
30	GACAAACU U AGUAGUGU	1	ACACUACU CUGAUGAG GCCGUUAGGC CGAA AGUUUGUC	15309
31	ACAAACUU A GUAGUGUU	2	AACACUAC CUGAUGAG GCCGUUAGGC CGAA AAGUUUGU	15310
39	AACUUAGU A GUGUUUGU	3	ACAAACAC CUGAUGAG GCCGUUAGGC CGAA ACUAAGUU	15311
40	AGUAGUGU U UGUGAGGA GUAGUGUU U GUGAGGAU	5	UCCUCACA CUGAUGAG GCCGUUAGGC CGAA ACACUACU	15312
49	GUGAGGAU U AACAACAA	6	AUCCUCAC CUGAUGAG GCCGUUAGGC CGAA AACACUAC	15313
50	UGAGGAUU A ACAACAAU	7	UUGUUGUU CUGAUGAG GCCGUUAGGC OGAA AUCCUCAC	15314
59	ACAACAAU U AACACAGU	8	AUUGUUGU CUGAUGAG GCCGUUAGGC CGAA AAUCCUCA ACUGUGUU CUGAUGAG GCCGUUAGGC CGAA AUUGUUGU	15315
60	CAACAAUU A ACACAGUG	9	CACUGUGU CUGAUGAG GCCGUUAGGC CGAA AAUUGUUG	15316
77	CGAGCUGU U UCUUAGCA	10	UGCUAAGA CUGAUGAG GCCGUUAGGC CGAA ACAGCUCG	15317
78	GAGCUGUU U CUUAGCAC	11	GUGCUAAG CUGAUGAG GCCGUUAGGC CGAA AACAGCUC	15318
79	AGCUGUUU C UUAGCACG	12	CGUGCUAA CUGAUGAG GCCGUUAGGC CGAA AACAGCU	15320
81	CUGUUUCU U AGCACGAA	13	UUCGUGCU CUGAUGAG GCCGUUAGGC CGAA AGAAACAG	15321
82	UGUUUCUU A GCACGAAG	14	CUUCGUGC CUGAUGAG GCCGUUAGGC CGAA AAGAAACA	15322
93	ACGAAGAU C UCGAUGUC	15	GACAUCGA CUGAUGAG GCCGUUAGGC CGAA AUCUUCGU	15323
95	GAAGAUCU C GAUGUCUA	16	UAGACAUC CUGAUGAG GCCGUUAGGC CGAA AGAUCUUC	15324
101	CUCGAUGU C UAAGAAAC	17	GUUUCUUA CUGAUGAG GCCGUUAGGC CGAA ACAUCGAG	15325
103	CGAUGUCU A AGAAACCA	18	UGGUUUCU CUGAUGAG GCCGUUAGGC CGAA AGACAUCG	15326
138	CGGGCUGU C AAUAUGCU	19	AGCAUAUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCCG	15327
142	CUGUCAAU A UGCUAAAA	20	UUUUAGCA CUGAUGAG GCCGUUAGGC CGAA AUUGACAG	15328
147	AAUAUGCU A AAACGCGG	21	CCGCGUUU CUGAUGAG GCCGUUAGGC CGAA AGCAUAUU	15329
170	CCGCGUGU U GUCCUUGA	22	UCAAGGAC CUGAUGAG GCCGUUAGGC CGAA ACACGCGG	15330
173	CGUGUUGU C CUUGAUUG	23	CAAUCAAG CUGAUGAG GCCGUUAGGC CGAA ACAACACG	15331
176	GUUGUCCU U GAUUGGAC	24	GUCCAAUC CUGAUGAG GCCGUUAGGC CGAA AGGACAAC	15332
180	UCCUUGAU U GGACUGAA	25	UUCAGUCC CUGAUGAG GCCGUUAGGC CGAA AUCAAGGA	15333
196	AGAGGGCU A UGUUGAGC	26	GCUCAACA CUGAUGAG GCCGUUAGGC CGAA AGCCCUCU	15334
200	GGCUAUGU U GAGCCUGA	27	UCAGGCUC CUGAUGAG GCCGUUAGGC CGAA ACAUAGCC	15335
210	AGCCUGAU C GACGGCAA	28	UUGCCGUC CUGAUGAG GCCGUUAGGC CGAA AUCAGGCU	15336
228	GGGCCAAU A CGAUUUGU	29	ACAAAUCG CUGAUGAG GCCGUUAGGC CGAA AUUGGCCC	15337
233	AAUACGAU U UGUGUUGG	30	CCAACACA CUGAUGAG GCCGUUAGGC CGAA AUCGUAUU	15338
234	AUACCAUU U GUGUUGGC	31	GCCAACAC CUGAUGAG GCCGUUAGGC CGAA AAUCGUAU	15339
239	AUUUGUGU U GGCUCUCU	32	AGAGAGCC CUGAUGAG GCCGUUAGGC CGAA ACACAAAU	15340
244	UGUUGGCU C UCUUGGCG	33	CGCCAAGA CUGAUGAG GCCGUUAGGC CGAA AGCCAACA	15341
246	UUGGCUCU C UUGGCGUU	34	AACGCCAA CUGAUGAG GCCGUUAGGC CGAA AGAGCCAA	15342
248	GGCUCUCU U GGCGUUCU	35	AGAACGCC CUGAUGAG GCCGUUAGGC CGAA AGAGAGCC	15343
254	CUUGGCGU U CUUCAGGU	36	ACCUGAAG CUGAUGAG GCCGUUAGGC CGAA ACGCCAAG	15344
255	UUGGCGUU C UUCAGGUU	37	AACCUGAA CUGAUGAG GCCGUUAGGC CGAA AACGCCAA	15345
257	GGCGUUCU U CAGGUUCA	38	UGAACCUG CUGAUGAG GCCGUUAGGC CGAA AGAACGCC	15346
258	GCGUUCUU C AGGUUCAC	39	GUGAACCU CUGAUGAG GCCGUUAGGC CGAA AAGAACGC	15347
263	CUUCAGGU U CACAGCAA	40	UUGCUGUG CUGAUGAG GCCGUUAGGC CGAA ACCUGAAG	15348
264	UUCAGGUU C ACAGCAAU	41	AUUGCUGU CUGAUGAG GCCGUUAGGC CGAA AACCUGAA	15349
273	ACAGCAAU U GCUCCGAC	42	GUCGGAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUGU	15350
277	CAAUUGCU C CGACCCGA	43	UCGGGUCG CUGAUGAG GCCGUUAGGC CGAA AGCAAUUG	15351
298	UGCUGGAU C GAUGGAGA	44	UCUCCAUC CUGAUGAG GCCGUUAGGC CGAA AUCCAGCA	15352
339	AAACACCU U CUGAGUUU	45	AAACUCAG CUGAUGAG GCCGUUAGGC CGAA AGGUGUUU	15353
340	AACACCUU C UGAGUUUU	46	AAAACUCA CUGAUGAG GCCGUUAGGC CGAA AAGGUGUU	15354
346	UUCUGAGU U UUAAGAAG	47	CUUCUUAA CUGAUGAG GCCGUUAGGC CGAA ACUCAGAA	15355
347	UCUGAGUU U UAAGAAGG	48	CCUUCUUA CUGAUGAG GCCGUUAGGC CGAA AACUCAGA	15356
348	CUGAGUUU U AAGAAGGA	49	UCCUUCUU CUGAUGAG GCCGUUAGGC CGAA AAACUCAG	15357
349	UGAGUUUU A AGAAGGAA	50	UUCCUUCU CUGAUGAG GCCGUUAGGC CGAA AAAACUCA	15358
360	AAGGAACU A GGGACCUU	51	AAGGUCCC CUGAUGAG GCCGUUAGGC CGAA AGUUCCUU	15359
368	AGGGACCU U GACCAGUG	52	CACUGGUC CUGAUGAG GCCGUUAGGC CGAA AGGUCCCU	15360
379	CCAGUGCU A UCAAUCGG	53	CCGAUUGA CUGAUGAG GCCGUUAGGC CGAA AGCACUGG	15361
381	AGUGCUAU C AAUCGGCG	54	CGCCGAUU CUGAUGAG GCCGUUAGGC CGAA AUAGCACU	15362
385	CUAUCAAU C GGCGGAGC	55	GCUCCGCC CUGAUGAG GCCGUUAGGC CGAA AUUGAUAG	15363
395	GCGGAGCU C AAAACAAA	56	UUUGUUUU CUGAUGAG GCCGUUAGGC CGAA AGCUCCGC	15364
429	ACCGGAAU U GCAGUCAU	57	AUGACUGC CUGAUGAG GCCGUUAGGC CGAA AUUCCGGU	15365
435	AUUGCAGU C AUGAUUGG	58	CCAAUCAU CUGAUGAG GCCGUUAGGC CGAA ACUGCAAU	15366
441	GUCAUGAU U GGCCUGAU	59	AUCAGGCC CUGAUGAG GCCGUUAGGC CGAA AUCAUGAC	15367

			Table III	
450	GGCCUGAU C GCCAGCGU	60	ACGCUGGC CUGAUGAG GCCGUUAGGC CGAA AUCAGGCC	15368
459	GCCAGCGU A GGAGCAGU	61	ACUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACGCUGGC	15369
468	GGAGCAGU U ACCCUCUC	62	GAGAGGGU CUGAUGAG GCCGUUAGGC CGAA ACUGCUCC	15370
469	GAGCAGUU A CCCUCUCU	63	AGAGAGGG CUGAUGAG GCCGUUAGGC CGAA AACUGCUC	15371
474	GUUACCCU C UCUAACUU	64	AAGUUAGA CUGAUGAG GCCGUUAGGC CGAA AGGGUAAC	15372
476	UACCCUCU C UAACUUCC	65	GGAAGUUA CUGAUGAG GCCGUUAGGC CGAA AGAGGGUA	15373
478	CCCUCUCU A ACUUCCAA	66	UUGGAAGU CUGAUGAG GCCGUUAGGC CGAA AGAGAGGG	15374
482	CUCUAACU U CCAAGGGA	67	UCCCUUGG CUGAUGAG GCCGUUAGGC CGAA AGUUAGAG	15375
483	UCUAACUU C CAAGGGAA	68	UUCCCUUG CUGAUGAG GCCGUUAGGC CGAA AAGUUAGA	15376
507	AUGACGGU A AAUGCUAC	69	GUAGCAUU CUGAUGAG GCCGUUAGGC CGAA ACCGUCAU	15377
514	UAAAUGCU A CUGACGUC	70	GACGUCAG CUGAUGAG GCCGUUAGGC CGAA AGCAUUUA	15378
522	ACUGACGU C ACAGAUGU	71	ACAUCUGU CUGAUGAG GCCGUUAGGC CGAA ACGUCAGU	15379
531	ACAGAUGU C AUCACGAU	72	AUCGUGAU CUGAUGAG GCCGUUAGGC CGAA ACAUCUGU	15380
534	GAUGUCAU C ACGAUUCC	73	GGAAUCGU CUGAUGAG GCCGUUAGGC CGAA AUGACAUC	15381
540	AUCACGAU U CCAACAGC	74	GCUGUUGG CUGAUGAG GCCGUUAGGC CGAA AUCGUGAU	15382
541	UCACGAUU C CAACAGCU	75	AGCUGUUG CUGAUGAG GCCGUUAGGC CGAA AAUCGUGA	15383
564	AAGAACCU A UGCAUUGU	76	ACAAUGCA CUGAUGAG GCCGUUAGGC CGAA AGGUUCUU	15384
570	CUAUGCAU U GUCAGAGC	77	GCUCUGAC CUGAUGAG GCCGUUAGGC CGAA AUGCAUAG	15385
573	UGCAUUGU C AGAGCAAU	78	AUUGCUCU CUGAUGAG GCCGUUAGGC CGAA ACAAUGCA	15386
593	UGUGGGAU A CAUGUGCG	79	CGCACAUG CUGAUGAG GCCGUUAGGC CGAA AUCCCACA	15387
607	GCGAUGAU A CUAUCACU	80	AGUGAUAG CUGAUGAG GCCGUUAGGC CGAA AUCAUCGC	15388
610	AUGAUACU A UCACUUAU	81	AUAAGUGA CUGAUGAG GCCGUUAGGC CGAA AGUAUCAU	15389
612	GAUACUAU C ACUUAUGA	82	UCAUAAGU CUGAUGAG GCCGUUAGGC CGAA AUAGUAUC	15390
617	CUAUCACU U AUGAAUGC UAUCACUU A UGAAUGCC	83	GCAUUCAU CUGAUGAG GCCGUUAGGC CGAA AGUGAUAG	15391
635	AGUGCUGU C GGCUGGUA	84	GGCAUUCA CUGAUGAG GCCGUUAGGC CGAA AAGUGAUA UACCAGCC CUGAUGAG GCCGUUAGGC CGAA ACAGCACU	15392
643	CGGCUGGU A AUGAUCCA	86	UGGAUCAU CUGAUGAG GCCGUUAGGC CGAA ACAGCACU UGGAUCAU CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG	15393
649	GUAAUGAU C CAGAAGAC	87	GUCUUCUG CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG	15394
660	GAAGACAU C GACUGUUG	88	CAACAGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUUC	15395
667	UCGACUGU U GGUGCACA	89	UGUGCACC CUGAUGAG GCCGUUAGGC CGAA ACAGUCGA	15396
680	CACAAAGU C AGCAGUCU	90	AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACUUUGUG	15397 15398
687	UCAGCAGU C UACGUCAG	91	CUGACGUA CUGAUGAG GCCGUUAGGC CGAA ACUGCUGA	15399
689	AGCAGUCU A CGUCAGGU	92	ACCUGACG CUGAUGAG GCCGUUAGGC CGAA AGACUGCU	15400
693	GUCUACGU C AGGUAUGG	93	CCAUACCU CUGAUGAG GCCGUUAGGC CGAA ACGUAGAC	15401
698	CGUCAGGU A UGGAAGAU	94	AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUGACG	15402
725	ACGCCACU C AAGACGCA	95	UGCGUCUU CUGAUGAG GCCGUUAGGC CGAA AGUGGCGU	15403
736	GACGCAGU C GGAGGUCA	96	UGACCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGCGUC	15404
743	UCGGAGGU C ACUGACAG	97	CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA	15405
775	AAAGCACU C UAGCGAAC	98	GUUCGCUA CUGAUGAG GCCGUUAGGC CGAA AGUGCUUU	15406
777	AGCACUCU A GCGAACAA	99	UUGUUCGC CUGAUGAG GCCGUUAGGC CGAA AGAGUGCU	15407
796	AGGGGCU U GGAUGGAC	100	GUCCAUCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCCU	15408
824	CACAAGGU A UUUGGUAA	101	UUACCAAA CUGAUGAG GCCGUUAGGC CGAA ACCUUGUG	15409
826	CAAGGUAU U UGGUAAAA	102	UUUUACCA CUGAUGAG GCCGUUAGGC CGAA AUACCUUG	15410
827	AAGGUAUU U GGUAAAAA	103	UUUUUACC CUGAUGAG GCCGUUAGGC CGAA AAUACCUU	15411
831	UAUUUGGU A AAAACAGA	104	UCUGUUUU CUGAUGAG GCCGUUAGGC CGAA ACCAAAUA	15412
842	AACAGAAU C AUGGAUCU	105	AGAUCCAU CUGAUGAG GCCGUUAGGC CGAA AUUCUGUU	15413
849	UCAUGGAU C UUGAGGAA	106	UUCCUCAA CUGAUGAG GCCGUUAGGC CGAA AUCCAUGA	15414
851 866	AUGGAUCU U GAGGAACC	107	GGUUCCUC CUGAUGAG GCCGUUAGGC CGAA AGAUCCAU	15415
885	CCCUGGAU A UGCCCUGG GCAGCCGU C AUUGGUUG	108	CCAGGGCA CUGAUGAG GCCGUUAGGC CGAA AUCCAGGG	15416
888	GCCGUCAU U GGUUGGAU	109	CAACCAAU CUGAUGAG GCCGUUAGGC CGAA ACGGCUGC	15417
892	UCAUUGGU U GGAUGCUU	110	AUCCAACC CUGAUGAG GCCGUUAGGC CGAA AUGACGGC	15418
900	UGGAUGCU U GGGAGCAA	111	AAGCAUCC CUGAUGAG GCCGUUAGGC CGAA ACCAAUGA	15419
924	CAGAGAGU U GUGUUUGU	113	UUGCUCCC CUGAUGAG GCCGUUAGGC CGAA AGCAUCCA ACAAACAC CUGAUGAG GCCGUUAGGC CGAA ACUCUCUG	15420
929	AGUUGUGU U UGUCGUGC	114	GCACGACA CUGAUGAG GCCGUUAGGC CGAA ACUCUCUG GCACGACA CUGAUGAG GCCGUUAGGC CGAA ACACAACU	15421
930	GUUGUGUU U GUCGUGCU	115	AGCACGACA CUGAUGAG GCCGUUAGGC CGAA ACACAACU AGCACGAC CUGAUGAG GCCGUUAGGC CGAA AACACAAC	15422
933	GUGUUGU C GUGCUAUU	116	AAUAGCAC CUGAUGAG GCCGUUAGGC CGAA AACACAAC AAUAGCAC CUGAUGAG GCCGUUAGGC CGAA ACAAACAC	15423
939	GUCGUGCU A UUGCUUUU	117	AAAAGCAA CUGAUGAG GCCGUUAGGC CGAA ACAAACAC	15424 15425
941	CGUGCUAU U GCUUUUGG	118	CCAAAAGC CUGAUGAG GCCGUUAGGC CGAA AUGCACGAC	15425
945	CUAUUGCU U UUGGUGGC	119	GCCACCAA CUGAUGAG GCCGUUAGGC CGAA AGCAAUAG	15427
946	UAUUGCUU U UGGUGGCC	120	GGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAGCAAUA	15428
947	AUUGCUUU U GGUGGCCC	121	GGGCCACC CUGAUGAG GCCGUUAGGC CGAA AAAGCAAU	15429
961	CCCCAGCU U ACAGCUUC	122	GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGGGG	15430
			62	

			Table III	
962	CCCAGCUU A CAGCUUCA	123	UGAAGCUG CUGAUGAG GCCGUUAGGC CGAA AAGCUGGG	15431
968	UUACAGCU U CAACUGCC	124	GGCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGCUGUAA	15432
969	UACAGCUU C AACUGCCU	125	AGGCAGUU CUGAUGAG GCCGUUAGGC CGAA AAGCUGUA	15433
978	AACUGCCU U GGAAUGAG	126	CUCAUUCC CUGAUGAG GCCGUUAGGC CGAA AGGCAGUU	15434
998	CAGAGACU U CUUGGAAG	127	CUUCCAAG CUGAUGAG GCCGUUAGGC CGAA AGUCUCUG	
999	AGAGACUU C UUGGAAGG	128	CCUUCCAA CUGAUGAG GCCGUUAGGC CGAA AAGUCUCU	15435
1001	AGACUUCU U GGAAGGAG	129		15436
1013	AGGAGUGU C UGGAGCAA	130	CUCCUUCC CUGAUGAG GCCGUUAGGC CGAA AGAAGUCU	15437
1013	GGGUGGAU U UGGUUCUC	131	UUGCUCCA CUGAUGAG GCCGUUAGGC CGAA ACACUCCU	15438
			GAGAACCA CUGAUGAG GCCGUUAGGC CGAA AUCCACCC	15439
1034	GGUGGAUU U GGUUCUCG	132	CGAGAACC CUGAUGAG GCCGUUAGGC CGAA AAUCCACC	15440
1038	GAUUUGGU U CUCGAAGG	133	CCUUCGAG CUGAUGAG GCCGUUAGGC CGAA ACCAAAUC	15441
1039	AUUUGGUU C UCGAAGGC	134	GCCUUCGA CUGAUGAG GCCGUUAGGC CGAA AACCAAAU	15442
1041	UUGGUUCU C GAAGGCGA	135	UCGCCUUC CUGAUGAG GCCGUUAGGC CGAA AGAACCAA	15443
1063	GCGUGACU A UCAUGUCU	136	AGACAUGA CUGAUGAG GCCGUUAGGC CGAA AGUCACGC	15444
1065	GUGACUAU C AUGUCUAA	137	UUAGACAU CUGAUGAG GCCGUUAGGC CGAA AUAGUCAC	15445
1070	UAUCAUGU C UAAGGACA	138	UGUCCUUA CUGAUGAG GCCGUUAGGC CGAA ACAUGAUA	15446
1072	UCAUGUCU A AGGACAAG	139	CUUGUCCU CUGAUGAG GCCGUUAGGC CGAA AGACAUGA	15447
1084	ACAAGCCU A CCAUCGAU	140	AUCGAUGG CUGAUGAG GCCGUUAGGC CGAA AGGCUUGU	15448
1089	CCUACCAU C GAUGUGAA	141	UUCACAUC CUGAUGAG GCCGUUAGGC CGAA AUGGUAGG	15449
1108	UGAUGAAU A UGGAGGCG	142	CGCCUCCA CUGAUGAG GCCGUUAGGC CGAA AUUCAUCA	15450
1119	GAGGCGGU C AACCUGGC	143	GCCAGGUU CUGAUGAG GCCGUUAGGC CGAA ACCGCCUC	15451
1134	GCAGAGGU C CGCAGUUA	144	UAACUGCG CUGAUGAG GCCGUUAGGC CGAA ACCUCUGC	15452
1141	UCCGCAGU U AUUGCUAU	145	AUAGCAAU CUGAUGAG GCCGUUAGGC CGAA ACUGCGGA	15453
1142	CCGCAGUU A UUGCUAUU	146	AAUAGCAA CUGAUGAG GCCGUUAGGC CGAA AACUGCGG	15454
1144	GCAGUUAU U GCUAUUUG	147	CAAAUAGC CUGAUGAG GCCGUUAGGC CGAA AUAACUGC	15455
1148	UUAUUGCU A UUUGGCUA	148	UAGCCAAA CUGAUGAG GCCGUUAGGC CGAA AGCAAUAA	15456
1150	AUUGCUAU U UGGCUACC	149	GGUAGCCA CUGAUGAG GCCGUUAGGC CGAA AUAGCAAU	15457
1151	UUGCUAUU U GGCUACCG	150	CGGUAGCC CUGAUGAG GCCGUUAGGC CGAA AAUAGCAA	15458
1156	AUUUGGCU A CCGUCAGC	151	GCUGACGG CUGAUGAG GCCGUUAGGC CGAA AGCCAAAU	15459
1161	GCUACCGU C AGCGAUCU	152	AGAUCGCU CUGAUGAG GCCGUUAGGC CGAA ACGGUAGC	15460
1168	UCAGCGAU C UCUCCACC	153	GGUGGAGA CUGAUGAG GCCGUUAGGC CGAA AUCGCUGA	15461
1170	AGCGAUCU C UCCACCAA	154	UUGGUGGA CUGAUGAG GCCGUUAGGC CGAA AGAUCGCU	15462
1172	CGAUCUCU C CACCAAAG	155	CUUUGGUG CUGAUGAG GCCGUUAGGC CGAA AGAGAUCG	15463
1207	GAGAAGCU C ACAAUGAC	156	GUCAUUGU CUGAUGAG GCCGUUAGGC CGAA AGCUUCUC	15464
1234	ACCCAGCU U UUGUGUGC	157	GCACACAA CUGAUGAG GCCGUUAGGC CGAA AGCUGGGU	15465
1235	CCCAGCUU U UGUGUGCA	158	UGCACACA CUGAUGAG GCCGUUAGGC CGAA AAGCUGGG	15466
1236	CCAGCUUU U GUGUGCAG	159	CUGCACAC CUGAUGAG GCCGUUAGGC CGAA AAAGCUGG	15467
1286	CUGCGGAU U AUUUGGCA	160	UGCCAAAU CUGAUGAG GCCGUUAGGC CGAA AUCCGCAG	15468
1287	UGCGGAUU A UUUGGCAA	161	UUGCCAAA CUGAUGAG GCCGUUAGGC CGAA AAUCCGCA	15469
1289	CGGAUUAU U UGGCAAAG	162	CUUUGCCA CUGAUGAG GCCGUUAGGC CGAA AUAAUCCG	15470
1290	GGAUUAUU U GGCAAAGG	163	CCUUUGCC CUGAUGAG GCCGUUAGGC CGAA AAUAAUCC	15471
1305	GGAAGCAU U GACACAUG	164	CAUGUGUC CUGAUGAG GCCGUUAGGC CGAA AUGCUUCC	15472
1322	CGCCAAAU U UGCCUGCU	165	AGCAGGCA CUGAUGAG GCCGUUAGGC CGAA AUUUGGCG	
1323	GCCAAAUU U GCCUGCUC	166	GAGCAGGC CUGAUGAG GCCGUUAGGC CGAA AAUUUGGC	15473
1331	UGCCUGCU C UACCAAGG	167	CCUUGGUA CUGAUGAG GCCGUUAGGC CGAA AGCAGGCA	15474
1333	CCUGCUCU A CCAAGGCA	168	UGCCUUGG CUGAUGAG GCCGUUAGGC CGAA AGAGCAGG	15475
1344	AAGGCAAU A GGAAGAAC	169	GUUCUUCC CUGAUGAG GCCGUUAGGC CGAA AUUGCCUU	15476
1356	AGAACCAU C UUGAAAGA	170	UCUUUCAA CUGAUGAG GCCGUUAGGC CGAA AUGGCUUCU	15477
1358	AACCAUCU U GAAAGAGA	171	UCUCUUUC CUGAUGAG GCCGUUAGGC CGAA AGAUGGUUU UCUCUUUC CUGAUGAG GCCGUUAGGC CGAA AGAUGGUU	15478
1369	AAGAGAAU A UCAAGUAC	172	GUACUUGA CUGAUGAG GCCGUUAGGC CGAA AGAUGGUU GUACUUGA CUGAUGAG GCCGUUAGGC CGAA AUUCUCUU	15479
1371	GAGAAUAU C AAGUACGA	173		15480
1376	UAUCAAGU A CGAAGUGG	174	UCGUACUU CUGAUGAG GCCGUUAGGC CGAA AUAUUCUC	15481
1389	GUGGCCAU U UUUGUCCA	175	CCACUUCG CUGAUGAG GCCGUUAGGC CGAA ACUUGAUA	15482
1390	UGGCCAUU U UUGUCCAU	176	UGGACAAA CUGAUGAG GCCGUUAGGC CGAA AUGGCCAC	15483
1391	GGCCAUUU U UGUCCAUG	177	AUGGACAA CUGAUGAG GCCGUUAGGC CGAA AAUGGCCA	15484
1392	GCCAUUUU U GUCCAUGG		CAUGGACA CUGAUGAG GCCGUUAGGC CGAA AAAUGGCC	15485
1395	AUUUUUGU C CAUGGACC	178	CCAUGGAC CUGAUGAG GCCGUUAGGC CGAA AAAAUGGC	15486
1408	GACCAACU A CUGUGGAG	179	GGUCCAUG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAU	15487
1418		180	CUCCACAG CUGAUGAG GCCGUUAGGC CGAA AGUUGGUC	15488
-	UGUGGAGU C GCACGGAA	181	UUCCGUGC CUGAUGAG GCCGUUAGGC CGAA ACUCCACA	15489
1430	CGGAAACU A CUCCACAC	182	GUGUGGAG CUGAUGAG GCCGUUAGGC CGAA AGUUUCCG	15490
1433	AAACUACU C CACACAGG	183	CCUGUGUG CUGAUGAG GCCGUUAGGC CGAA AGUAGUUU	15491
1443	ACACAGGU U GGAGCCAC	184	GUGGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCUGUGU	15492
1453	GAGCCACU C AGGCAGGG	185	CCCUGCCU CUGAUGAG GCCGUUAGGC CGAA AGUGGCUC	15493

Table III

			adole III	
1466	AGGGAGAU U CAGCAUCA	186	UGAUGCUG CUGAUGAG GCCGUUAGGC CGAA AUCUCCCU	15494
1467	GGGAGAUU C AGCAUCAC	187	GUGAUGCU CUGAUGAG GCCGUUAGGC CGAA AAUCUCCC	15495
1473	UUCAGCAU C ACUCCUGC	188	GCAGGAGU CUGAUGAG GCCGUUAGGC CGAA AUGCUGAA	15496
1477	GCAUCACU C CUGCGGCG	189	CGCCGCAG CUGAUGAG GCCGUUAGGC CGAA AGUGAUGC	+
1489	CGGCGCCU U CAUACACA	190	UGUGUAUG CUGAUGAG GCCGUUAGGC CGAA AGGCGCCG	15497
1490	GGCGCCUU C AUACACAC	191		15498
1493	GCCUUCAU A CACACUAA	192		15499
1500	UACACACU A AAGCUUGG	193	UUAGUGUG CUGAUGAG GCCGUUAGGC CGAA AUGAAGGC	15500
		-	CCAAGCUU CUGAUGAG GCCGUUAGGC CGAA AGUGUGUA	15501
1506	CUAAAGCU U GGAGAAUA	194	UAUUCUCC CUGAUGAG GCCGUUAGGC CGAA AGCUUUAG	15502
1514	UGGAGAAU A UGGAGAGG	195	CCUCUCCA CUGAUGAG GCCGUUAGGC CGAA AUUCUCCA	15503
1547	ACCACGGU C AGGGAUUG	196	CAAUCCCU CUGAUGAG GCCGUUAGGC CGAA ACCGUGGU	15504
1554	UCAGGGAU U GACACCAA	197	UUGGUGUC CUGAUGAG GCCGUUAGGC CGAA AUCCCUGA	15505
1568	CAAUGCAU A CUACGUGA	198	UCACGUAG CUGAUGAG GCCGUUAGGC CGAA AUGCAUUG	15506
1571	UGCAUACU A CGUGAUGA	199	UCAUCACG CUGAUGAG GCCGUUAGGC CGAA AGUAUGCA	15507
1584	AUGACUGU U GGAACAAA	200	UUUGUUCC CUGAUGAG GCCGUUAGGC CGAA ACAGUCAU	15508
1598	AAAGACGU U CUUGGUCC	201	GGACCAAG CUGAUGAG GCCGUUAGGC CGAA ACGUCUUU	15509
1599	AAGACGUU C UUGGUCCA	202	UGGACCAA CUGAUGAG GCCGUUAGGC CGAA AACGUCUU	15510
1601	GACGUUCU U GGUCCAUC	203	GAUGGACC CUGAUGAG GCCGUUAGGC CGAA AGAACGUC	15511
1605	UUCUUGGU C CAUCGUGA	204	UCACGAUG CUGAUGAG GCCGUUAGGC CGAA ACCAAGAA	15512
1609	UGGUCCAU C GUGAGUGG	205	CCACUCAC CUGAUGAG GCCGUUAGGC CGAA AUGGACCA	
1619	UGAGUGGU U CAUGGACC	206	GGUCCAUG CUGAUGAG GCCGUUAGGC CGAA ACCACUCA	15513
1620	GAGUGGUU C AUGGACCU	207	AGGUCCAU CUGAUGAG GCCGUUAGGC CGAA ACCACUCA	15514
1629	AUGGACCU C AACCUCCC	208		15515
1635	CUCAACCU C CCUUGGAG	209	GGGAGGUU CUGAUGAG GCCGUUAGGC CGAA AGGUCCAU	15516
1639	ACCUCCCU U GGAGCAGU		CUCCAAGG CUGAUGAG GCCGUUAGGC CGAA AGGUUGAG	15517
1657		210	ACUGCUCC CUGAUGAG GCCGUUAGGC CGAA AGGGAGGU	15518
	CUGGAAGU A CUGUGUGG	211	CCACACAG CUGAUGAG GCCGUUAGGC CGAA ACUUCCAG	15519
1682	AGAGACGU U AAUGGAGU	212	ACUCCAUU CUGAUGAG GCCGUUAGGC CGAA ACGUCUCU	15520
1683	GAGACGUU A AUGGAGUU	213	AACUCCAU CUGAUGAG GCCGUUAGGC CGAA AACGUCUC	15521
1691	AAUGGAGU U UGAGGAAC	214	GUUCCUCA CUGAUGAG GCCGUUAGGC CGAA ACUCCAUU	15522
1692	AUGGAGUU U GAGGAACC	215	GGUUCCUC CUGAUGAG GCCGUUAGGC CGAA AACUCCAU	15523
1718	GAAGCAGU C UGUGAUAG	216	CUAUCACA CUGAUGAG GCCGUUAGGC CGAA ACUGCUUC	15524
1725	UCUGUGAU A GCAUUGGG	217	CCCAAUGC CUGAUGAG GCCGUUAGGC CGAA AUCACAGA	15525
1730	GAUAGCAU U GGGCUCAC	218	GUGAGCCC CUGAUGAG GCCGUUAGGC CGAA AUGCUAUC	15526
1736	AUUGGGCU C ACAAGAGG	219	CCUCUUGU CUGAUGAG GCCGUUAGGC CGAA AGCCCAAU	15527
1750	AGGGAGCU C UGCAUCAA	220	UUGAUGCA CUGAUGAG GCCGUUAGGC CGAA AGCUCCCU	15528
1756	CUCUGCAU C AAGCUUUG	221	CAAAGCUU CUGAUGAG GCCGUUAGGC CGAA AUGCAGAG	15529
1762	AUCAAGCU U UGGCUGGA	222	UCCAGCCA CUGAUGAG GCCGUUAGGC CGAA AGCUUGAU	15530
1763	UCAAGCUU U GGCUGGAG	223	CUCCAGCC CUGAUGAG GCCGUUAGGC CGAA AAGCUUGA	15531
1776	GGAGCCAU U CCUGUGGA	224	UCCACAGG CUGAUGAG GCCGUUAGGC CGAA AUGGCUCC	15532
1777	GAGCCAUU C CUGUGGAA	225	UUCCACAG CUGAUGAG GCCGUUAGGC CGAA AAUGGCUC	15532
1787	UGUGGAAU U UUCAAGCA	226	UGCUUGAA CUGAUGAG GCCGUUAGGC CGAA AUUCCACA	
1788	GUGGAAUU U UCAAGCAA	227	UUGCUUGA CUGAUGAG GCCGUUAGGC CGAA AAUUCCAC	15534
1789	UGGAAUUU U CAAGCAAC	228		15535
1790	GGAAUUUU C AAGCAACA	229	GUUGCUUG CUGAUGAG GCCGUUAGGC CGAA AAAUUCCA UGUUGCUU CUGAUGAG GCCGUUAGGC CGAA AAAAUUCC	15536
1803	AACACUGU C AAGUUGAC	230	GUCANCITI CHANGAG GCCGUUAGGC CGAA AAAAUUCC	15537
1808	UGUCAAGU U GACGUCGG	231	GUCAACUU CUGAUGAG GCCGUUAGGC CGAA ACAGUGUU	15538
1814	GUUGACGU C GGGUCAUU	232	CCGACGUC CUGAUGAG GCCGUUAGGC CGAA ACUUGACA	15539
1819	CGUCGGGU C AUUUGAAG	232	AAUGACCC CUGAUGAG GCCGUUAGGC CGAA ACGUCAAC	15540
1822	CGGGUCAU U UGAAGUGU	_	CUUCAAAU CUGAUGAG GCCGUUAGGC CGAA ACCCGACG	15541
1823	GGGUCAUU U GAAGUGUA	234	ACACUUCA CUGAUGAG GCCGUUAGGC CGAA AUGACCCG	15542
1831		235	UACACUUC CUGAUGAG GCCGUUAGGC CGAA AAUGACCC	15543
	UGAAGUGU A GAGUGAAG	236	CUUCACUC CUGAUGAG GCCGUUAGGC CGAA ACACUUCA	15544
1850	GGAAAAAU U GCAGUUGA	237	UCAACUGC CUGAUGAG GCCGUUAGGC CGAA AUUUUUCC	15545
1856	AUUGCAGU U GAAGGGAA	238	UUCCCUUC CUGAUGAG GCCGUUAGGC CGAA ACUGCAAU	15546
1871	AACAACCU A UGGCGUCU	239	AGACGCCA CUGAUGAG GCCGUUAGGC CGAA AGGUUGUU	15547
1878	UAUGGCGU C UGUUCAAA	240	UUUGAACA CUGAUGAG GCCGUUAGGC CGAA ACGCCAUA	15548
1882	GCGUCUGU U CAAAGGCU	241	AGCCUUUG CUGAUGAG GCCGUUAGGC CGAA ACAGACGC	15549
1883	CGUCUGUU C AAAGGCUU	242	AAGCCUUU CUGAUGAG GCCGUUAGGC CGAA AACAGACG	15550
1891	CAAAGGCU U UCAAGUUU	243	AAACUUGA CUGAUGAG GCCGUUAGGC CGAA AGCCUUUG	15551
1892	AAAGGCUU U CAAGUUUC	244	GAAACUUG CUGAUGAG GCCGUUAGGC CGAA AAGCCUUU	15552
1893	AAGGCUUU C AAGUUUCU	245	AGAAACUU CUGAUGAG GCCGUUAGGC CGAA AAAGCCUU	15553
1898	UUUCAAGU U UCUUGGGA	246	UCCCAAGA CUGAUGAG GCCGUUAGGC CGAA ACUUGAAA	
1899	UUCAAGUU U CUUGGGAC	247	GUCCCAAG CUGAUGAG GCCGUUAGGC CGAA AACUUGAA	15554
1900	UCAAGUUU C UUGGGACU	248	AGUCCCAA CUGAUGAG GCCGUUAGGC CGAA AAACUUGA	15555
				15556

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			Table III	
1902	AAGUUUCU U GGGACUCC	249	GGAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGAAACUU	15557
1909	UUGGGACU C CCGCAGAC	250	GUCUGCGG CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA	15558
1924	ACACAGGU C ACGGCACU	251	AGUGCCGU CUGAUGAG GCCGUUAGGC CGAA ACCUGUGU	15559
1940	UGUGGUGU U GGAAUUGC	252	GCAAUUCC CUGAUGAG GCCGUUAGGC CGAA ACACCACA	15560
1946	GUUGGAAU U GCAGUACA	253	UGUACUGC CUGAUGAG GCCGUUAGGC CGAA AUUCCAAC	15561
1952	AUUGCAGU A CACUGGCA	254	UGCCAGUG CUGAUGAG GCCGUUAGGC CGAA ACUGCAAU	15562
1972	AUGGACCU U GCAAAGUU	255	AACUUUGC CUGAUGAG GCCGUUAGGC CGAA AGGUCCAU	15563
1980	UGCAAAGU U CCUAUCUC	256	GAGAUAGG CUGAUGAG GCCGUUAGGC CGAA ACUUUGCA	15564
1981	GCAAAGUU C CUAUCUCG	257	CGAGAUAG CUGAUGAG GCCGUUAGGC CGAA AACUUUGC	15565
1984	AAGUUCCU A UCUCGUCA	258	UGACGAGA CUGAUGAG GCCGUUAGGC CGAA AGGAACUU	15566
1986	GUUCCUAU C UCGUCAGU	259	ACUGACGA CUGAUGAG GCCGUUAGGC CGAA AUAGGAAC	15567
1988	UCCUAUCU C GUCAGUGG	260	CCACUGAC CUGAUGAG GCCGUUAGGC CGAA AGAUAGGA	15568
1991	UAUCUCGU C AGUGGCUU	261	AAGCCACU CUGAUGAG GCCGUUAGGC CGAA ACGAGAUA	15569
1999	CAGUGGCU U CAUUGAAC	262	GUUCAAUG CUGAUGAG GCCGUUAGGC CGAA AGCCACUG	15570
2000	AGUGGCUU C AUUGAACG	263	CGUUCAAU CUGAUGAG GCCGUUAGGC CGAA AAGCCACU	15571
2003	GGCUUCAU U GAACGACC	264	GGUCGUUC CUGAUGAG GCCGUUAGGC CGAA AUGAAGCC	15572
2013	AACGACCU A ACGCCAGU	265	ACUGGCGU CUGAUGAG GCCGUUAGGC CGAA AGGUCGUU	15573
2030	GGGCAGAU U GGUCACUG	266	CAGUGACC CUGAUGAG GCCGUUAGGC CGAA AUCUGCCC	15574
2034	AGAUUGGU C ACUGUCAA	267	UUGACAGU CUGAUGAG GCCGUUAGGC CGAA ACCAAUCU	15575
2040	GUCACUGU C AACCCUUU	268	AAAGGGUU CUGAUGAG GCCGUUAGGC CGAA ACAGUGAC	15576
2047	UCAACCCU U UUGUUUCA	269	UGAAACAA CUGAUGAG GCCGUUAGGC CGAA AGGGUUGA	15577
2048	CAACCCUU U UGUUUCAG	270	CUGAAACA CUGAUGAG GCCGUUAGGC CGAA AAGGGUUG	15578
2049	AACCCUUU U GUUUCAGU	271	ACUGAAAC CUGAUGAG GCCGUUAGGC CGAA AAAGGGUU	15579
2052	CCUUUUGU U UCAGUGGC CUUUUGUU U CAGUGGCC	272	GCCACUGA CUGAUGAG GCCGUUAGGC CGAA ACAAAAGG	15580
2054	UUUUGUUU C AGUGGCCA	273	GGCCACUG CUGAUGAG GCCGUUAGGC CGAA AACAAAAG	15581
2074	CCAACGCU A AGGUCCUG	275	UGGCCACU CUGAUGAG GCCGUUAGGC CGAA AAACAAAA	15582
2079	GCUAAGGU C CUGAUUGA	276	CAGGACCU CUGAUGAG GCCGUUAGGC CGAA AGCGUUGG	15583
2085	GUCCUGAU U GAAUUGGA	277	UCAAUCAG CUGAUGAG GCCGUUAGGC CGAA ACCUUAGC UCCAAUUC CUGAUGAG GCCGUUAGGC CGAA AUCAGGAC	15584
2090	GAUUGAAU U GGAACCAC	278	GUGGUUCC CUGAUGAG GCCGUUAGGC CGAA AUCAGGAC	15585
2102	ACCACCCU U UGGAGACU	279	AGUCUCCA CUGAUGAG GCCGUUAGGC CGAA AGUGGGGU	15586
2103	CCACCCUU U GGAGACUC	280	GAGUCUCC CUGAUGAG GCCGUUAGGC CGAA AAGGGUGG	15587
2111	UGGAGACU C AUACAUAG	281	CUAUGUAU CUGAUGAG GCCGUUAGGC CGAA AGUCUCCA	15588
2114	AGACUCAU A CAUAGUGG	282	CCACUAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGUCU	15590
2118	UCAUACAU A GUGGUGGG	283	CCCACCAC CUGAUGAG GCCGUUAGGC CGAA AUGUAUGA	15591
2145	CAACAGAU C AAUCACCA	284	UGGUGAUU CUGAUGAG GCCGUUAGGC CGAA AUCUGUUG	15592
2149	AGAUCAAU C ACCAUUGG	285	CCAAUGGU CUGAUGAG GCCGUUAGGC CGAA AUUGAUCU	15593
2155	AUCACCAU U GGCACAAG	286	CUUGUGCC CUGAUGAG GCCGUUAGGC CGAA AUGGUGAU	15594
2165	GCACAAGU C UGGAAGCA	287	UGCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACUUGUGC	15595
2178	AGCAGCAU U GGCAAAGC	288	GCUUUGCC CUGAUGAG GCCGUUAGGC CGAA AUGCUGCU	15596
2189	CAAAGCCU U UACAACCA	289	UGGUUGUA CUGAUGAG GCCGUUAGGC CGAA AGGCUUUG	15597
2190	AAAGCCUU U ACAACCAC	290	GUGGUUGU CUGAUGAG GCCGUUAGGC CGAA AAGGCUUU	15598
2191	AAGCCUUU A CAACCACC	291	GGUGGUUG CUGAUGAG GCCGUUAGGC CGAA AAAGGCUU	15599
2202	ACCACCCU C AAAGGAGC	292	GCUCCUUU CUGAUGAG GCCGUUAGGC CGAA AGGGUGGU	15600
2220	CAGAGACU A GCCGCUCU	293	AGAGCGGC CUGAUGAG GCCGUUAGGC CGAA AGUCUCUG	15601
2227	UAGCCGCU C UAGGAGAC	294	GUCUCCUA CUGAUGAG GCCGUUAGGC CGAA AGCGGCUA	15602
2229	GCCGCUCU A GGAGACAC	295	GUGUCUCC CUGAUGAG GCCGUUAGGC CGAA AGAGCGGC	15603
2242	ACACAGCU U GGGACUUU	296	AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGCUGUGU	15604
2250	UUGGGACU U UGGAUCAG UGGGACUU U GGAUCAGU	297	CUGAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA	15605
2255	CUUUGGAU C AGUUGGAG	298	ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA AAGUCCCA	15606
2259	GGAUCAGU U GGAGGGGU	299	CUCCAACU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAG	15607
2270	AGGGGUGU U CACCUCAG	300	ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCC	15608
2271	GGGGUGUU C ACCUCAGU	301	CUGAGGUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU	15609
2276	GUUCACCU C AGUUGGGA	302	ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA AACACCCC	15610
2280	ACCUCAGU U GGGAAGGC	303	UCCCAACU CUGAUGAG GCCGUUAGGC CGAA AGGUGAAC	15611
2292	AAGGCUGU C CAUCAAGU	305	ACTUGATIGATION CONTRACTOR CONTRACTOR ACTUGATION	15612
2296	CUGUCCAU C AAGUGUUC	306	ACUUGAUG CUGAUGAG GCCGUUAGGC CGAA ACAGCCUU GAACACUU CUGAUGAG GCCGUUAGGC CGAA AUGGACAG	15613
2303	UCAAGUGU U CGGAGGAG	307	CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA AUGGACAG CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACUUGA	15614
2304	CAAGUGUU C GGAGGAGC	308	GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACUUGA	15615
2315	AGGAGCAU U CCGCUCAC	309	GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AACACUUG GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU	15616
2316	GGAGCAUU C CGCUCACU	310	AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AAUGCUCC	15617 15618
2321	AUUCCGCU C ACUGUUCG	311	CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU	15619
			CC	22013

			Table III	1 C 1/ USU1/48330	
2327	CUCACUGU U CGGAGGCA	312	UGCCUCCG CUGAUGAG	GCCGUUAGGC CGAA ACAGUGAG	15620
2328	UCACUGUU C GGAGGCAU	313		GCCGUUAGGC CGAA AACAGUGA	15621
2339	AGGCAUGU C CUGGAUAA	314		GCCGUUAGGC CGAA ACAUGCCU	15622
2346	UCCUGGAU A ACGCAAGG	315		GCCGUUAGGC CGAA AUCCAGGA	15623
2357	GCAAGGAU U GCUGGGGG	316		GCCGUUAGGC CGAA AUCCUUGC	15624
2368	UGGGGGCU C UCCUGUUG	317	CAACAGGA CUGAUGAG	GCCGUUAGGC CGAA AGCCCCCA	15625
2370	GGGGCUCU C CUGUUGUG	318	CACAACAG CUGAUGAG	GCCGUUAGGC CGAA AGAGCCCC	15626
2375	UCUCCUGU U GUGGAUGG	319		GCCGUUAGGC CGAA ACAGGAGA	15627
2388	AUGGGCAU C AAUGCUCG	320		GCCGUUAGGC CGAA AUGCCCAU	15628
2395	UCAAUGCU C GUGAUAGG	321		GCCGUUAGGC CGAA AGCAUUGA	15629
2401	CUCGUGAU A GGUCCAUA	322		GCCGUUAGGC CGAA AUCACGAG	15630
2405	UGAUAGGU C CAUAGCUC	323		GCCGUUAGGC CGAA ACCUAUCA	15631
2409	AGGUCCAU A GCUCUCAC	324		GCCGUUAGGC CGAA AUGGACCU	15632
2413	CCAUAGCU C UCACGUUU	325		GCCGUUAGGC CGAA AGCUAUGG	15633
2415	AUAGCUCU C ACGUUUCU	326		GCCGUUAGGC CGAA AGAGCUAU	15634
2420	UCUCACGU U UCUCGCAG	327		GCCGUUAGGC CGAA ACGUGAGA	15635
2422	UCACGUU U CUCGCAGU UCACGUUU C UCGCAGUU	328		GCCGUUAGGC CGAA AACGUGAG	15636
2424	ACGUUUCU C GCAGUUGG	330		GCCGUUAGGC CGAA AAACGUGA	15637
2430	CUCGCAGU U GGAGGAGU	331		GCCGUUAGGC CGAA AGAAACGU GCCGUUAGGC CGAA ACUGCGAG	15638
2439	GGAGGAGU U CUGCUCUU	332		GCCGUUAGGC CGAA ACUCCUCC	15639
2440	GAGGAGUU C UGCUCUUC	333		GCCGUUAGGC CGAA ACUCCUC	15640
2445	GUUCUGCU C UUCCUCUC	334		GCCGUUAGGC CGAA AGCAGAAC	15641
2447	UCUGCUCU U CCUCUCCG	335		GCCGUUAGGC CGAA AGAGCAGA	15642 15643
2448	CUGCUCUU C CUCUCCGU	336	ACGGAGAG CUGAUGAG		15644
2451	CUCUUCCU C UCCGUGAA	337		GCCGUUAGGC CGAA AGGAAGAG	15645
2453	CUUCCUCU C CGUGAACG	338	CGUUCACG CUGAUGAG		15646
2487	UGUGCCAU A GACAUCAG	339	CUGAUGUC CUGAUGAG		15647
2493	AUAGACAU C AGCCGGCA	340	UGCCGGCU CUGAUGAG		15648
2528	UGGAGUGU U CAUACACA	341	UGUGUAUG CUGAUGAG	GCCGUUAGGC CGAA ACACUCCA	15649
2529	GGAGUGUU C AUACACAA	342	UUGUGUAU CUGAUGAG	GCCGUUAGGC CGAA AACACUCC	15650
2532	GUGUUCAU A CACAAUGA	343	UCAUUGUG CUGAUGAG	GCCGUUAGGC CGAA AUGAACAC	15651
2551	UGGAGGCU U GGAUGGAC	344	GUCCAUCC CUGAUGAG		15652
2564	GGACCGGU A CAAGUAUU	345	AAUACUUG CUGAUGAG		15653
2570	GUACAAGU A UUACCCUG	346		GCCGUUAGGC CGAA ACUUGUAC	15654
2572 2573	ACAAGUAU U ACCCUGAA	347	UUCAGGGU CUGAUGAG		15655
2595	CAAGUAUU A CCCUGAAA CAAGGCCU A GCCAAGAU	348	UUUCAGGG CUGAUGAG		15656
2604	GCCAAGAU C AUUCAGAA	349 350	AUCUUGGC CUGAUGAG		15657
2607	AAGAUCAU U CAGAAAGC	351	UUCUGAAU CUGAUGAG GCUUUCUG CUGAUGAG		15658
2608	AGAUCAUU C AGAAAGCU	352		GCCGUUAGGC CGAA AUGAUCUU GCCGUUAGGC CGAA AAUGAUCU	15659
2617	AGAAAGCU C AUAAGGAA	353	INICCINIALI CUGALIGAG	GCCGUUAGGC CGAA AAUGAUCU GCCGUUAGGC CGAA AGCUUUCU	15660
2620	AAGCUCAU A AGGAAGGA	354	UCCUUCCU CUGAUGAG	GCCGUUAGGC CGAA AUGAGCUU	15661
2638	UGUGCGGU C UACGAUCA	355	UGAUCGUA CUGAUGAG	GCCGUUAGGC CGAA ACCGCACA	15663
2640	UGCGGUCU A CGAUCAGU	356		GCCGUUAGGC CGAA AGACCGCA	15664
2645	UCUACGAU C AGUUUCCA	357		GCCGUUAGGC CGAA AUCGUAGA	15665
2649	CGAUCAGU U UCCAGACU	358		GCCGUUAGGC CGAA ACUGAUCG	15666
2650	GAUCAGUU U CCAGACUG	359		GCCGUUAGGC CGAA AACUGAUC	15667
2651	AUCAGUUU C CAGACUGG	360		GCCGUUAGGC CGAA AAACUGAU	15668
2665	UGGAGCAU C AAAUGUGG	361		GCCGUUAGGC CGAA AUGCUCCA	15669
2701	UGAACACU C UUUUGAAG	362		GCCGUUAGGC CGAA AGUGUUCA	15670
2703	AACACUCU U UUGAAGGA	363		GCCGUUAGGC CGAA AGAGUGUU	15671
2704	ACACUCUU U UGAAGGAG	364		GCCGUUAGGC CGAA AAGAGUGU	15672
2705	CACUCUUU U GAAGGAGA	365		GCCGUUAGGC CGAA AAAGAGUG	15673
2727	GUGGACCU U AGUGUCGU	366		GCCGUUAGGC CGAA AGGUCCAC	15674
2733	UGGACCUU A GUGUCGUG	367		GCCGUUAGGC CGAA AAGGUCCA	15675
2739	CUUAGUGU C GUGGUUGA GUCGUGGU U GAGAAACA	368		GCCGUUAGGC CGAA ACACUAAG	15676
2759	GGGAAUGU A CAAGUCAG	369 370		GCCGUUAGGC CGAA ACCACGAC	15677
2765	GUACAAGU C AGCACCUA	371		GCCGUUAGGC CGAA ACAUUCCC	15678
2773	CAGCACCU A AACGCCUC	372		GCCGUUAGGC CGAA ACUUGUAC	15679
2781	AAACGCCU C ACCGCCAC	373	GUGGCGGU CUGAUGAG	GCCGUUAGGC CGAA AGGUGCUG	15680
2801	GGAAAAAU U GGAAAUUG	374		GCCGUUAGGC CGAA AGGCGUUU GCCGUUAGGC CGAA AUUUUUCC	15681
		لتنتط		SCECOURGGE COMM MUUUUUCC	15682

		•	Table III	
2808	UUGGAAAU U GGCUGGAA	375	UUCCAGCC CUGAUGAG GCCGUUAGGC CGAA AUUUCCAA	15683
2833	GAAAGAGU A UUUUAUUU	376	AAAUAAAA CUGAUGAG GCCGUUAGGC CGAA ACUCUUUC	15684
2835	AAGAGUAU U UUAUUUGC	377	GCAAAUAA CUGAUGAG GCCGUUAGGC CGAA AUACUCUU	15685
2836	AGAGUAUU U UAUUUGCA	378	UGCAAAUA CUGAUGAG GCCGUUAGGC CGAA AAUACUCU	15686
2837	GAGUAUUU U AUUUGCAC	379	GUGCAAAU CUGAUGAG GCCGUUAGGC CGAA AAAUACUC	15687
2838	AGUAUUUU A UUUGCACC	380	GGUGCAAA CUGAUGAG GCCGUUAGGC CGAA AAAAUACU	15688
2840	UAUUUUAU U UGCACCAG	381	CUGGUGCA CUGAUGAG GCCGUUAGGC CGAA AUAAAAUA	15689
2841	AUUUUAUU U GCACCAGA	382	UCUGGUGC CUGAUGAG GCCGUUAGGC CGAA AAUAAAAU	15690
2853	CCAGAACU C GCCAACAA	383	UUGUUGGC CUGAUGAG GCCGUUAGGC CGAA AGUUCUGG	15691
2867	CAACACCU U UGUGGUUG	384	CAACCACA CUGAUGAG GCCGUUAGGC CGAA AGGUGUUG	15692
2868	AACACCUU U GUGGUUGA	385	UCAACCAC CUGAUGAG GCCGUUAGGC CGAA AAGGUGUU	15693
2874	UUUGUGGU U GAUGGUCC	386	GGACCAUC CUGAUGAG GCCGUUAGGC CGAA ACCACAAA	15694
2881	UUGAUGGU C CGGAGACC	387	GGUCUCCG CUGAUGAG GCCGUUAGGC CGAA ACCAUCAA	15695
2899	AGGAAUGU C CGACUCAG	388	CUGAGUCG CUGAUGAG GCCGUUAGGC CGAA ACAUUCCU	15696
2905	GUCCGACU C AGAAUCGC	389	GCGAUUCU CUGAUGAG GCCGUUAGGC CGAA AGUCGGAC	15697
2911	CUCAGAAU C GCGCUUGG	390	CCAAGCGC CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG	15698
2923	AUCGCGCU U GGAAUAGC	391	GCUAUUCC CUGAUGAG GCCGUUAGGC CGAA AGCGCGAU	15699
2927	CUUGGAAU A GCUUAGAA GAAUAGCU U AGAAGUGG	392	UUCUAAGC CUGAUGAG GCCGUUAGGC CGAA AUUCCAAG	15700
2928	AAUAGCUU A GAAGUGGA	393	CCACUUCU CUGAUGAG GCCGUUAGGC CGAA AGCUAUUC	15701
2941	UGGAGGAU U UUGGAUUU	394	UCCACUUC CUGAUGAG GCCGUUAGGC CGAA AAGCUAUU	15702
2942	GGAGGAUU U UGGAUUUG	396	AAAUCCAA CUGAUGAG GCCGUUAGGC CGAA AUCCUCCA	15703
2943	GAGGAUUU U GGAUUUGG	397	CAAAUCCA CUGAUGAG GCCGUUAGGC CGAA AAUCCUCC CCAAAUCC CUGAUGAG GCCGUUAGGC CGAA AAAUCCUC	15704
2948	UUUUGGAU U UGGUCUCA	398	1303.03.00	15705
2949	UUUGGAUU U GGUCUCAC	399	Citat at an	15706
2953	GAUUUGGU C UCACCAGC	400	GUGGUGA CUGAUGAG GCCGUUAGGC CGAA AAUCCAAA GCUGGUGA CUGAUGAG GCCGUUAGGC CGAA ACCAAAUC	15707
2955	UUUGGUCU C ACCAGCAC	401	GUGCUGGU CUGAUGAG GCCGUUAGGC CGAA AGACCAAA	15708
2965	CCAGCACU C GGAUGUUC	402	GAACAUCC CUGAUGAG GCCGUUAGGC CGAA AGUGCUGG	15709
2972	UCGGAUGU U CCUGAAGG	403	CCUUCAGG CUGAUGAG GCCGUUAGGC CGAA ACAUCCGA	15710
2973	CGGAUGUU C CUGAAGGU	404	ACCUUCAG CUGAUGAG GCCGUUAGGC CGAA AACAUCCG	15712
2982	CUGAAGGU C AGAGAGAG	405	CUCUCUCU CUGAUGAG GCCGUUAGGC CGAA ACCUUCAG	15713
3011	AUGUGACU C GAAGAUCA	406	UGAUCUUC CUGAUGAG GCCGUUAGGC CGAA AGUCACAU	15714
3018	UCGAAGAU C AUUGGAAC	407	GUUCCAAU CUGAUGAG GCCGUUAGGC CGAA AUCUUCGA	15715
3021	AAGAUCAU U GGAACGGC	408	GCCGUUCC CUGAUGAG GCCGUUAGGC CGAA AUGAUCUU	15716
3033	ACGGCUGU C AAGAACAA	409	UUGUUCUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCGU	15717
3044	GAACAACU U GGCGAUCC	410	GGAUCGCC CUGAUGAG GCCGUUAGGC CGAA AGUUGUUC	15718
3065	UUGGCGAU C CACAGUGA	411	UCACUGUG CUGAUGAG GCCGUUAGGC CGAA AUCGCCAA	15719
3068	UGACCUGU C CUAUUGGA CCUGUCCU A UUGGAUUG	412	UCCAAUAG CUGAUGAG GCCGUUAGGC CGAA ACAGGUCA	15720
3070	UGUCCUAU U GGAUUGAA	413	CAAUCCAA CUGAUGAG GCCGUUAGGC CGAA AGGACAGG	15721
3075	UAUUGGAU U GAAAGCAG	414	UUCAAUCC CUGAUGAG GCCGUUAGGC CGAA AUAGGACA	15722
3087	AGCAGGCU C AAUGAUAC	415	CUGCUUUC CUGAUGAG GCCGUUAGGC CGAA AUCCAAUA	15723
3094	UCAAUGAU A CGUGGAAG	417	GUAUCAUU CUGAUGAG GCCGUUAGGC CGAA AGCCUGCU	15724
3105	UGGAAGCU U GAAAGGGC	418	CUUCCACG CUGAUGAG GCCGUUAGGC CGAA AUCAUUGA GCCCUUUC CUGAUGAG GCCGUUAGGC CGAA AGCUUCCA	15725
3117	AGGGCAGU U CUGGGUGA	419	UCACCCAG CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA	15726
3118	GGGCAGUU C UGGGUGAA	420	UUCACCCA CUGAUGAG GCCGUUAGGC CGAA AACUGCCC	15727
3129	GGUGAAGU C AAAUCAUG	421	CAUGAUUU CUGAUGAG GCCGUUAGGC CGAA ACUUCACC	15728
3134	AGUCAAAU C AUGUACGU	422	ACGUACAU CUGAUGAG GCCGUUAGGC CGAA AUUUGACU	15729 15730
3139	AAUCAUGU A CGUGGCCU	423	AGGCCACG CUGAUGAG GCCGUUAGGC CGAA ACAUGAUU	15731
3157	AGACGCAU A CCUUGUGG	424	CCACAAGG CUGAUGAG GCCGUUAGGC CGAA AUGCGUCU	15732
3161	GCAUACCU U GUGGGGCG	425	CGCCCCAC CUGAUGAG GCCGUUAGGC CGAA AGGUAUGC	15733
3177	GAUGGAAU C CUUGAGAG	426	CUCUCAAG CUGAUGAG GCCGUUAGGC CGAA AUUCCAUC	15734
3180	GGAAUCCU U GAGAGUGA	427	UCACUCUC CUGAUGAG GCCGUUAGGC CGAA AGGAUUCC	15735
3191	GAGUGACU U GAUAAUAC	428	GUAUUAUC CUGAUGAG GCCGUUAGGC CGAA AGUCACUC	15736
3198	GACUUGAU A AUACCAGU UUGAUAAU A CCAGUCAC	429	ACUGGUAU CUGAUGAG GCCGUUAGGC CGAA AUCAAGUC	15737
3204	AUACCAGU C ACACUGGC	430	GUGACUGG CUGAUGAG GCCGUUAGGC CGAA AUUAUCAA	15738
3229	GAAGCAAU C ACAAUCGG	431	GCCAGUGU CUGAUGAG GCCGUUAGGC CGAA ACUGGUAU	15739
3235	AUCACAAU C GGAGACCU	432	CCGAUUGU CUGAUGAG GCCGUUAGGC CGAA AUUGCUUC	15740
3248	ACCUGGGU A CAAGACAC	433	AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGAU	15741
3288	GGCCGGGU A GAGAUUGA	435	GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU	15742
3294	GUAGAGAU U GACUUCGA	436	UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCGGCC	15743
3299	GAUUGACU U CGAUUACU	437	UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCUCUAC AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUC	15744
			68	15745

Table III

3300	AUUGACUU C GAUUACUG	438	CAGUAAUC CUGAUGAG GCCGUUAGGC CGAA AAGUCAAU	15746
3304	ACUUCGAU U ACUGCCCA	439	UGGGCAGU CUGAUGAG GCCGUUAGGC CGAA AUCGAAGU	15747
3305	CUUCGAUU A CUGCCCAG	440	CUGGGCAG CUGAUGAG GCCGUUAGGC CGAA AAUCGAAG	15748
3319	CAGGAACU A CGGUCACC	441	GGUGACCG CUGAUGAG GCCGUUAGGC CGAA AGUUCCUG	15749
3324	ACUACGGU C ACCCUGAG	442	CUCAGGGU CUGAUGAG GCCGUUAGGC CGAA ACCGUAGU	15750
3364	CUGCCACU C GCACCACC	443	GGUGGUGC CUGAUGAG GCCGUUAGGC CGAA AGUGGCAG	
3389	CGGAAAGU U GAUAACAG	444	CUGUUAUC CUGAUGAG GCCGUUAGGC CGAA ACUUUCCG	15751
3393	AAGUUGAU A ACAGAUUG	445	CAAUCUGU CUGAUGAG GCCGUUAGGC CGAA AUCAACUU	15752
				15753
3400	UAACAGAU U GGUGCUGC CUGCACCU U ACCACCAC	446	GCAGCACC CUGAUGAG GCCGUUAGGC CGAA AUCUGUUA	15754
3422		447	GUGGUGGU CUGAUGAG GCCGUUAGGC CGAA AGGUGCAG	15755
3423	UGCACCUU A CCACCACU ACUGCGCU A CCAAACUG	448	AGUGGUGG CUGAUGAG GCCGUUAGGC CGAA AAGGUGCA	15756
3437		449	CAGUUUGG CUGAUGAG GCCGUUAGGC CGAA AGCGCAGU	15757
3461	GCGGCUGU U GGUAUGGU CUGUUGGU A UGGUAUGG	450	ACCAUACC CUGAUGAG GCCGUUAGGC CGAA ACAGCCGC	15758
			CCAUACCA CUGAUGAG GCCGUUAGGC CGAA ACCAACAG	15759
3466	GGUAUGGU A UGGAGAUC	452	GAUCUCCA CUGAUGAG GCCGUUAGGC CGAA ACCAUACC	15760
3474	AUGGAGAU C AGACCACA	453	UGUGGUCU CUGAUGAG GCCGUUAGGC CGAA AUCUCCAU	15761
3504	AAGACCCU C GUGCAGUC	454	GACUGCAC CUGAUGAG GCCGUUAGGC CGAA AGGGUCUU	15762
3512	CGUGCAGU C ACAAGUGA	455	UCACUUGU CUGAUGAG GCCGUUAGGC CGAA ACUGCACG	15763
3526	GANIGCIII A HANIGCIG	456	AGCAUUAU CUGAUGAG GCCGUIAGGC CGAA AGCAUUCA	15764
3527	GAAUGCUU A UAAUGCUG	457	CAGCAUUA CUGAUGAG GCCGUUAGGC CGAA AAGCAUUC	15765
3529 3538	AUGCUUAU A AUGCUGAU AUGCUGAU A UGAUUGAC	458	AUCAGCAU CUGAUGAG GCCGUUAGGC CGAA AUAAGCAU	15766
3543	GAUAUGAU U GACCCUUU	459	GUCAAUCA CUGAUGAG GCCGUUAGGC CGAA AUCAGCAU AAAGGGUC CUGAUGAG GCCGUUAGGC CGAA AUCAUAUC	15767
3550	UUGACCCU U UUCAGUUG	461		
3551	UGACCCUU U UCAGUUGG	462	CAACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGUCAA	15769
3552	GACCCUUU U CAGUUGGG	463	CCAACUGA CUGAUGAG GCCGUUAGGC CGAA AAGGGUCA CCCAACUG CUGAUGAG GCCGUUAGGC CGAA AAAGGGUC	15770
3553	ACCCUUUU C AGUUGGGC	464	GCCCAACU CUGAUGAG GCCGUUAGGC CGAA AAAAGGGU	15771
3557	UUUUCAGU U GGGCCUUC	465	GAAGGCCC CUGAUGAG GCCGUUAGGC CGAA ACUGAAAA	15772
3564	UUGGGCCU U CUGGUCGU	466	ACGACCAG CUGAUGAG GCCGUUAGGC CGAA AGGCCCAA	15773
3565	UGGGCCUU C UGGUCGUG	467	CACGACCA CUGAUGAG GCCGUUAGGC CGAA AAGGCCCAA	15775
3570	CUUCUGGU C GUGUUCUU	468	AAGAACAC CUGAUGAG GCCGUUAGGC CGAA ACCAGAAG	15776
3575	GGUCGUGU U CUUGGCCA	469	UGGCCAAG CUGAUGAG GCCGUUAGGC CGAA ACACGACC	15777
3576	GUCGUGUU C UUGGCCAC	470	GUGGCCAA CUGAUGAG GCCGUUAGGC CGAA AACACGAC	15778
3578	CGUGUUCU U GGCCACCC	471	GGGUGGCC CUGAUGAG GCCGUUAGGC CGAA AGAACACG	15779
3594	CAGGAGGU C CUUCGCAA	472	UUGCGAAG CUGAUGAG GCCGUUAGGC CGAA ACCUCCUG	15780
3597	GAGGUCCU U CGCAAGAG	473	CUCUUGCG CUGAUGAG GCCGUUAGGC CGAA AGGACCUC	15781
3598	AGGUCCUU C GCAAGAGG	474	CCUCUUGC CUGAUGAG GCCGUUAGGC CGAA AAGGACCU	15782
3621	GCCAAGAU C AGCAUGCC	475	GGCAUGCU CUGAUGAG GCCGUUAGGC CGAA AUCUUGGC	15783
3634	UGCCAGCU A UACUGAUU	476	AAUCAGUA CUGAUGAG GCCGUUAGGC CGAA AGCUGGCA	15784
3636	CCAGCUAU A CUGAUUGC	477	GCAAUCAG CUGAUGAG GCCGUUAGGC CGAA AUAGCUGG	15785
3642	AUACUGAU U GCUCUGCU	478	AGCAGAGC CUGAUGAG GCCGUUAGGC CGAA AUCAGUAU	15786
3646	UGAUUGCU C UGCUAGUC	479	GACUAGCA CUGAUGAG GCCGUUAGGC CGAA AGCAAUCA	15787
3651	GCUCUGCU A GUCCUGGU	480	ACCAGGAC CUGAUGAG GCCGUUAGGC CGAA AGCAGAGC	15788
3654	CUGCUAGU C CUGGUGUU	481	AACACCAG CUGAUGAG GCCGUUAGGC CGAA ACUAGCAG	15789
3662	CCUGGUGU U UGGGGGCA	482	UGCCCCCA CUGAUGAG GCCGUUAGGC CGAA ACACCAGG	15790
3663	CUGGUGUU U GGGGGCAU	483	AUGCCCCC CUGAUGAG GCCGUUAGGC CGAA AACACCAG	15791
3672	GGGGGCAU U ACUUACAC	484	GUGUAAGU CUGAUGAG GCCGUUAGGC CGAA AUGCCCCC	15792
3673	GGGGCAUU A CUUACACU	485	AGUGUAAG CUGAUGAG GCCGUUAGGC CGAA AAUGCCCC	15793
3676	GCAUUACU U ACACUGAU	486	AUCAGUGU CUGAUGAG GCCGUUAGGC CGAA AGUAAUGC	15794
3677	CAUUACUU A CACUGAUG	487	CAUCAGUG CUGAUGAG GCCGUUAGGC CGAA AAGUAAUG	15795
3689	UGAUGUGU U ACGCUAUG	488	CAUAGCGU CUGAUGAG GCCGUUAGGC CGAA ACACAUCA	15796
3690	GAUGUGUU A CGCUAUGU	489	ACAUAGCG CUGAUGAG GCCGUUAGGC CGAA AACACAUC	15797
3695	GUUACGCU A UGUCAUCU	490	AGAUGACA CUGAUGAG GCCGUUAGGC CGAA AGCGUAAC	15798
3699	CGCUAUGU C AUCUUGGU	491	ACCAAGAU CUGAUGAG GCCGUUAGGC CGAA ACAUAGCG	15799
3702	UAUGUCAU C UUGGUGGG	492	CCCACCAA CUGAUGAG GCCGUUAGGC CGAA AUGACAUA	15800
3704	UGUCAUCU U GGUGGGGG	493	CCCCCACC CUGAUGAG GCCGUUAGGC CGAA AGAUGACA	15801
3718	GGGCAGCU U UCGCAGAA	494	UUCUGCGA CUGAUGAG GCCGUUAGGC CGAA AGCUGCCC	15802
3719	GGCAGCUU U CGCAGAAU	495	AUUCUGCG CUGAUGAG GCCGUUAGGC CGAA AAGCUGCC	15803
3720	GCAGCUUU C GCAGAAUC	496	GAUUCUGC CUGAUGAG GCCGUUAGGC CGAA AAAGCUGC	15804
3728	CGCAGAAU C UAAUUCGG	497	CCGAAUUA CUGAUGAG GCCGUUAGGC CGAA AUUCUGCG	15805
3730	CAGAAUCU A AUUCGGGA	498	UCCCGAAU CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG	15806
3733	AAUCUAAU U CGGGAGGA	499	UCCUCCCG CUGAUGAG GCCGUUAGGC CGAA AUUAGAUU	15807
3734	AUCUAAUU C GGGAGGAG	500	CUCCUCCC CUGAUGAG GCCGUUAGGC CGAA AAUUAGAU	15808

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Table III

3750	GACGUGGU A CACUUGGC	501	GCCAAGUG CUGAUGAG GCCGUUAGGC CGAA ACCACGUC	15809
3755	GGUACACU U GGCGCUCA	502	UGAGCGCC CUGAUGAG GCCGUUAGGC CGAA AGUGUACC	15810
3762	UUGGCGCU C AUGGCGAC	503	GUCGCCAU CUGAUGAG GCCGUUAGGC CGAA AGCGCCAA	15811
3773	GGCGACCU U CAAGAUAC	504	GUAUCUUG CUGAUGAG GCCGUUAGGC CGAA AGGUCGCC	
3774	GCGACCUU C AAGAUACA	505		15812
3780	UUCAAGAU A CAACCAGU		UGUAUCUU CUGAUGAG GCCGUUAGGC CGAA AAGGUCGC	15813
	· 	506	ACUGGUUG CUGAUGAG GCCGUUAGGC CGAA AUCUUGAA	15814
3791	ACCAGUGU U UAUGGUGG	507	CCACCAUA CUGAUGAG GCCGUUAGGC CGAA ACACUGGU	15815
3792	CCAGUGUU U AUGGUGGC	508	GCCACCAU CUGAUGAG GCCGUUAGGC CGAA AACACUGG	15816
3793	CAGUGUUU A UGGUGGCA	509	UGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAACACUG	15817
3803	GGUGGCAU C GUUUCUCA	510	UGAGAAAC CUGAUGAG GCCGUUAGGC CGAA AUGCCACC	15818
3806	GGCAUCGU U UCUCAAAG	511	CUUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACGAUGCC	15819
3807	GCAUCGUU U CUCAAAGC	512	GCUUUGAG CUGAUGAG GCCGUUAGGC CGAA AACGAUGC	15820
3808	CAUCGUUU C UCAAAGCG	513	CGCUUUGA CUGAUGAG GCCGUUAGGC CGAA AAACGAUG	15821
3810	UCGUUUCU C AAAGCGAG	514	CUCGCUUU CUGAUGAG GCCGUUAGGC CGAA AGAAACGA	
3840	GAGAACAU U UUGUUGAU	515		15822
3841	AGAACAUU U UGUUGAUG	 		15823
<u> </u>	 	516	CAUCAACA CUGAUGAG GCCGUUAGGC CGAA AAUGUUCU	15824
3842	GAACAUUU U GUUGAUGU	517	ACAUCAAC CUGAUGAG GCCGUUAGGC CGAA AAAUGUUC	15825
3845	CAUUUUGU U GAUGUUGG	518	CCAACAUC CUGAUGAG GCCGUUAGGC CGAA ACAAAAUG	15826
3851	GUUGAUGU U GGCGGCUG	519	CAGCCGCC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC	15827
3861	GCGGCUGU U UUCUUUCA	520	UGAAAGAA CUGAUGAG GCCGUUAGGC CGAA ACAGCCGC	15828
3862	CGGCUGUU U UCUUUCAA	521	UUGAAAGA CUGAUGAG GCCGUUAGGC CGAA AACAGCCG	15829
3863	GGCUGUUU U CUUUCAAA	522	UUUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAACAGCC	15830
3864	GCUGUUUU C UUUCAAAU	523	AUUUGAAA CUGAUGAG GCCGUUAGGC CGAA AAAACAGC	15831
3866	UGUUUUCU U UCAAAUGG	524	CCAUUUGA CUGAUGAG GCCGUUAGGC CGAA AGAAAACA	
3867	GUUUUCUU U CAAAUGGC	525		15832
3868	UUUUCUUU C AAAUGGCU	526		15833
3877	AAAUGGCU U AUCACGAU	 	AGCCAUUU CUGAUGAG GCCGUUAGGC CGAA AAAGAAAA	15834
3878		527	AUCGUGAU CUGAUGAG GCCGUUAGGC CGAA AGCCAUUU	15835
	AAUGGCUU A UCACGAUG	528	CAUCGUGA CUGAUGAG GCCGUUAGGC CGAA AAGCCAUU	15836
3880	UGGCUUAU C ACGAUGCC	529	GGCAUCGU CUGAUGAG GCCGUUAGGC CGAA AUAAGCCA	15837
3897	CGCCAAAU U CUGCUCUG	530	CAGAGCAG CUGAUGAG GCCGUUAGGC CGAA AUUUGGCG	15838
3898	GCCAAAUU C UGCUCUGG	531	CCAGAGCA CUGAUGAG GCCGUUAGGC CGAA AAUUUGGC	15839
3903	AUUCUGCU C UGGGAGAU	532	AUCUCCCA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAU	15840
3912	UGGGAGAU C CCUGAUGU	533	ACAUCAGG CUGAUGAG GCCGUUAGGC CGAA AUCUCCCA	15841
3923	UGAUGUGU U GAAUUCAC	534	GUGAAUUC CUGAUGAG GCCGUUAGGC CGAA ACACAUCA	15842
3928	UGUUGAAU U CACUGGCG	535	CGCCAGUG CUGAUGAG GCCGUUAGGC CGAA AUUCAACA	15843
3929	GUUGAAUU C ACUGGCGG	536	CCGCCAGU CUGAUGAG GCCGUUAGGC CGAA AAUUCAAC	
3939	CUGGCGGU A GCUUGGAU	537		15844
3943	CGGUAGCU U GGAUGAUA	538		15845
3951	UGGAUGAU A CUGAGAGC	539		15846
3963	AGAGCCAU A ACAUUCAC		GCUCUCAG CUGAUGAG GCCGUUAGGC CGAA AUCAUCCA	15847
3968	CAUAACAU U CACAACGA	540	GUGAAUGU CUGAUGAG GCCGUUAGGC CGAA AUGGCUCU	15848
3969		541	UCGUUGUG CUGAUGAG GCCGUUAGGC CGAA AUGUUAUG	15849
	AUAACAUU C ACAACGAC	542	GUCGUUGU CUGAUGAG GCCGUUAGGC CGAA AAUGUUAU	15850
3980	AACGACAU C AAACGUGG	543	CCACGUUU CUGAUGAG GCCGUUAGGC CGAA AUGUCGUU	15851
3990	AACGUGGU U GUUCCGCU	544	AGCGGAAC CUGAUGAG GCCGUUAGGC CGAA ACCACGUU	15852
3993	GUGGUUGU U CCGCUGCU	545	AGCAGCGG CUGAUGAG GCCGUUAGGC CGAA ACAACCAC	15853
3994	UGGUUGUU C CGCUGCUA	546	UAGCAGCG CUGAUGAG GCCGUUAGGC CGAA AACAACCA	15854
4002	CCGCUGCU A GCCCUGCU	547	AGCAGGGC CUGAUGAG GCCGUUAGGC CGAA AGCAGCGG	15855
4011	GCCCUGCU A ACACCCGG	548	CCGGGUGU CUGAUGAG GCCGUUAGGC CGAA AGCAGGGC	15856
4031	GAGAUGCU U GAAUCUGG	549	CCAGAUUC CUGAUGAG GCCGUUAGGC CGAA AGCAUCUC	15857
4036	GCUUGAAU C UGGAUGUG	550	CACAUCCA CUGAUGAG GCCGUUAGGC CGAA AUUCAAGC	
4046	GGAUGUGU A CAGGAUAC	551	GUAUCCUG CUGAUGAG GCCGUUAGGC CGAA ACACAUCC	15858
4053	UACAGGAU A CUGCUGUU	552	AACAGCAG CUGAUGAG GCCGUUAGGC CGAA AUCCUGUA	15859
4061	ACUGCUGU U GAUGGUCG	553		15860
4068	UUGAUGGU C GGAAUAGG		CGACCAUC CUGAUGAG GCCGUUAGGC CGAA ACAGCAGU	15861
4074	GUCGGAAU A GGCAGCUU	554	CCUAUUCC CUGAUGAG GCCGUUAGGC CGAA ACCAUCAA	15862
		555	AAGCUGCC CUGAUGAG GCCGUUAGGC CGAA AUUCCGAC	15863
4082	AGGCAGCU U GAUCAGGG	556	CCCUGAUC CUGAUGAG GCCGUUAGGC CGAA AGCUGCCU	15864
4086	AGCUUGAU C AGGGAGAA	557	UUCUCCCU CUGAUGAG GCCGUUAGGC CGAA AUCAAGCU	15865
4129	GAGCAAGU C UGCUAUGC	558	GCAUAGCA CUGAUGAG GCCGUUAGGC CGAA ACUUGCUC	15866
4134	AGUCUGCU A UGCUUGGC	559	GCCAAGCA CUGAUGAG GCCGUUAGGC CGAA AGCAGACU	15867
4139	GCUAUGCU U GGCUCUAG	560	CUAGAGCC CUGAUGAG GCCGUUAGGC CGAA AGCAUAGC	15868
4144	GCUUGGCU C UAGCCUCA	561	UGAGGCUA CUGAUGAG GCCGUUAGGC CGAA AGCCAAGC	15869
4146	UUGGCUCU A GCCUCAAC	562	GUUGAGGC CUGAUGAG GCCGUUAGGC CGAA AGAGCCAA	15870
4151	UCUAGCCU C AACAGGAC	563	GUCCUGUU CUGAUGAG GCCGUUAGGC CGAA AGGCUAGA	
			70	15871

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12.22	<u> </u>		Table III	
4161	ACAGGACU U UUCAACCC	564	GGGUUGAA CUGAUGAG GCCGUUAGGC CGAA AGUCCUGU	15872
4162	CAGGACUU U UCAACCCC	565	GGGGUUGA CUGAUGAG GCCGUUAGGC CGAA AAGUCCUG	15873
4163	AGGACUUU U CAACCCCA	566	UGGGGUUG CUGAUGAG GCCGUUAGGC CGAA AAAGUCCU	15874
4164	GGACUUUU C AACCCCAU	567	AUGGGGUU CUGAUGAG GCCGUUAGGC CGAA AAAAGUCC	15875
4176	CCCAUGAU C CUUGCUGC	568	GCAGCAAG CUGAUGAG GCCGUUAGGC CGAA AUCAUGGG	15876
4179	AUGAUCCU U GCUGCUGG	569	CCAGCAGC CUGAUGAG GCCGUUAGGC CGAA AGGAUCAU	15877
4194	GGACUGAU U GCAUGUGA	570	UCACAUGC CUGAUGAG GCCGUUAGGC CGAA AUCAGUCC	15878
4204	CAUGUGAU C CCAACCGU	571	ACGGUUGG CUGAUGAG GCCGUUAGGC CGAA AUCACAUG	15879
4213	CCAACCGU A AACGCGGA	572	UCCGCGUU CUGAUGAG GCCGUUAGGC CGAA ACGGUUGG	15880
4251	ACAGCUGU C GGCCUAAU	573	AUUAGGCC CUGAUGAG GCCGUUAGGC CGAA ACAGCUGU	15881
4257	GUCGGCCU A AUGUUUGC	574	GCAAACAU CUGAUGAG GCCGUUAGGC CGAA AGGCCGAC	15882
4262	CCUAAUGU U UGCCAUCG	575	CGAUGGCA CUGAUGAG GCCGUUAGGC CGAA ACAUUAGG	
4263	CUAAUGUU U GCCAUCGU	576	ACGAUGGC CUGAUGAG GCCGUUAGGC CGAA AACAUUAG	15883
4269	UUUGCCAU C GUCGGAGG	577	CCUCCGAC CUGAUGAG GCCGUUAGGC CGAA AUGGCAAA	15884
4272	GCCAUCGU C GGAGGGCU	578	AGCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACGAUGGC	15885
4290	GCAGAGCU U GACAUUGA	579	UCAAUGUC CUGAUGAG GCCGUUAGGC CGAA ACCAUCUGC	15886
4296	CUUGACAU U GACUCCAU	580	AUGGAGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCAAG	15887
4301	CAUUGACU C CAUGGCCA	581	UGGCCAUG CUGAUGAG GCCGUUAGGC CGAA AUGUCAAUG	15888
4311	AUGGCCAU U CCAAUGAC	582	GUCAUUGG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUG	15889
4312	UGGCCAUU C CAAUGACU	583	AGUCAUUG CUGAUGAG GCCGUUAGGC CGAA AUGGCCAU	15890
4321	CAAUGACU A UCGCGGGG	584	AGUCAUUG CUGAUGAG GCCGUUAGGC CGAA AAUGGCCA	15891
4323	AUGACUAU C GCGGGGCU	585	CCCCGCGA CUGAUGAG GCCGUUAGGC CGAA AGUCAUUG	15892
4332	GCGGGGCU C AUGUUUGC	586	AGCCCCGC CUGAUGAG GCCGUUAGGC CGAA AUAGUCAU	15893
4337	GCUCAUGU U UGCUGCUU	587	GCAAACAU CUGAUGAG GCCGUUAGGC CGAA AGCCCCGC	15894
4338	CUCAUGUU U GCUGCUUU	588	AAGCAGCA CUGAUGAG GCCGUUAGGC CGAA ACAUGAGC	15895
4345	UUGCUGCU U UCGUGAUU		AAAGCAGC CUGAUGAG GCCGUUAGGC CGAA AACAUGAG	15896
4346	UGCUGCUU U CGUGAUUU	589	AAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCAGCAA	15897
4347		590	AAAUCACG CUGAUGAG GCCGUUAGGC CGAA AAGCAGCA	15898
4353	GCUGCUUU C GUGAUUUC	591	GAAAUCAC CUGAUGAG GCCGUUAGGC CGAA AAAGCAGC	15899
4354	UUCGUGAU U UCUGGGAA	592	UUCCCAGA CUGAUGAG GCCGUUAGGC CGAA AUCACGAA	15900
4355	UCGUGAUU U CUGGGAAA	593	UUUCCCAG CUGAUGAG GCCGUUAGGC CGAA AAUCACGA	15901
4355	CGUGAUUU C UGGGAAAU	594	AUUUCCCA CUGAUGAG GCCGUUAGGC CGAA AAAUCACG	15902
——	UGGGAAAU C AACAGAUA	595	UAUCUGUU CUGAUGAG GCCGUUAGGC CGAA AUUUCCCA	15903
4372	CAACAGAU A UGUGGAUU	596	AAUCCACA CUGAUGAG GCCGUUAGGC CGAA AUCUGUUG	15904
4380	AUGUGGAU U GAGAGAAC	597	GUUCUCUC CUGAUGAG GCCGUUAGGC CGAA AUCCACAU	15905
4398	GCGGACAU U UCCUGGGA	598	UCCCAGGA CUGAUGAG GCCGUUAGGC CGAA AUGUCCGC	15906
4399	CGGACAUU U CCUGGGAA	599	UUCCCAGG CUGAUGAG GCCGUUAGGC CGAA AAUGUCCG	15907
4400	GGACAUUU C CUGGGAAA	600	UUUCCCAG CUGAUGAG GCCGUUAGGC CGAA AAAUGUCC	15908
4422	GCAGAAAU U ACAGGCUC	601	GAGCCUGU CUGAUGAG GCCGUUAGGC CGAA AUUUCUGC	15909
4423	CAGAAAUU A CAGGCUCG	602	CGAGCCUG CUGAUGAG GCCGUUAGGC CGAA AAUUUCUG	15910
4430	UACAGGCU C GAGCGAAA	603	UUUCGCUC CUGAUGAG GCCGUUAGGC CGAA AGCCUGUA	15911
4443	GAAAGAGU U GAUGUGCG	604	CGCACAUC CUGAUGAG GCCGUUAGGC CGAA ACUCUUUC	15912
4455	GUGCGGCU U GAUGAUGA	605	UCAUCAUC CUGAUGAG GCCGUUAGGC CGAA AGCCGCAC	15913
4472	UGGAAACU U CCAGCUCA	606	UGAGCUGG CUGAUGAG GCCGUUAGGC CGAA AGUUUCCA	15914
4473	GGAAACUU C CAGCUCAU	607	AUGAGCUG CUGAUGAG GCCGUUAGGC CGAA AAGUUUCC	
4479	UUCCAGCU C AUGAAUGA	608	UCAUUCAU CUGAUGAG GCCGUUAGGC CGAA AGCUGGAA	15915
4489	UGAAUGAU C CAGGAGCA	609	UGCUCCUG CUGAUGAG GCCGUUAGGC CGAA AUCAUUCA	15916
4501	GAGCACCU U GGAAGAUA	610	UAUCUUCC CUGAUGAG GCCGUUAGGC CGAA AGGUGCUC	15917
4509	UGGAAGAU A UGGAUGCU	611	AGCAUCCA CUGAUGAG GCCGUUAGGC CGAA AUCUUCCA	15918
4518	UGGAUGCU C AGAAUGGU	612	ACCAUUCU CUGAUGAG GCCGUUAGGC CGAA AGCAUCCA	15919
4527	AGAAUGGU C UGUCUCGC	613	GCGAGACA CUGAUGAG GCCGUUAGGC CGAA ACCAUUCU	15920
4531	UGGUCUGU C UCGCGAUU	614	AAUCGCGA CUGAUGAG GCCGUUAGGC CGAA ACCAUUCU	15921
4533	GUCUGUCU C GCGAUUAG	615	CHANGE CHEATERS SCOTTINGE COAA ACAGACCA	15922
4539	CUCGCGAU U AGUGCGUA	616	CUAAUCGC CUGAUGAG GCCGUUAGGC CGAA AGACAGAC	15923
4540	UCGCGAUU A GUGCGUAC	617	UACGCACU CUGAUGAG GCCGUUAGGC CGAA AUCGCGAG	15924
4547	UAGUGCGU A CACCCCCU	618	GUACGCAC CUGAUGAG GCCGUUAGGC CGAA AAUCGCGA	15925
4563	UGGGCAAU C UUGCCCUC	619	AGGGGGUG CUGAUGAG GCCGUUAGGC CGAA ACGCACUA	15926
4565	GGCAAUCU U GCCCUCAG		GAGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUUGCCCA	15927
4571	CUUGCCCU C AGUAGUUG	620	CUGAGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUUGCC	15928
4575	CCCUCAGU A GUUGGAUU	621	CAACUACU CUGAUGAG GCCGUUAGGC CGAA AGGGCAAG	15929
4578	UCAGUAGU U GGAUUUUG	622	AAUCCAAC CUGAUGAG GCCGUUAGGC CGAA ACUGAGGG	15930
4583	AGUUGGAU U UUGGAUAA	623	CAAAAUCC CUGAUGAG GCCGUUAGGC CGAA ACUACUGA	15931
4584	GUUGGAUU U UGGAUAAC	624	UUAUCCAA CUGAUGAG GCCGUUAGGC CGAA AUCCAACU	15932
4585	UUGGAUUU U GGAUAACU	625	GUUAUCCA CUGAUGAG GCCGUUAGGC CGAA AAUCCAAC	15933
	COGRECO O GGAURACU	626	AGUUAUCC CUGAUGAG GCCGUUAGGC CGAA AAAUCCAA	15934
			71	

			Table III	· ·
4590	UUUUGGAU A ACUCUCCA	627	UGGAGAGU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAA	1 15025
4594	GGAUAACU C UCCAAUAC	628	GUAUUGGA CUGAUGAG GCCGUUAGGC CGAA AGUUAUCC	15935 15936
4596	AUAACUCU C CAAUACAC	629	GUGUAUUG CUGAUGAG GCCGUUAGGC CGAA AGAGUUAU	15937
4601	UCUCCAAU A CACAAAGA	630	UCUUUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGGAGA	15938
4622	AGGCGUGU U GUGGGACA	631	UGUCCCAC CUGAUGAG GCCGUUAGGC CGAA ACACGCCU	15939
4633	GGGACACU C CCUCACCA	632	UGGUGAGG CUGAUGAG GCCGUUAGGC CGAA AGUGUCCC	15940
4637	CACUCCCU C ACCAAAGG	633	CCUUUGGU CUGAUGAG GCCGUUAGGC CGAA AGGGAGUG	15941
4649	AAAGGAGU A CAAAAAGG	634	CCUUUUUG CUGAUGAG GCCGUUAGGC CGAA ACUCCUUU	15942
4677	ACCGGCGU C UACAGGAU	635	AUCCUGUA CUGAUGAG GCCGUUAGGC CGAA ACGCCGGU	15943
4679	CGGCGUCU A CAGGAUCA	636	UGAUCCUG CUGAUGAG GCCGUUAGGC CGAA AGACGCCG	15944
4686	UACAGGAU C AUGACUCG	637	CGAGUCAU CUGAUGAG GCCGUUAGGC CGAA AUCCUGUA	15945
4693	UCAUGACU C GUGGGCUG	638	CAGCCCAC CUGAUGAG GCCGUUAGGC CGAA AGUCAUGA	15946
4704	GGGCUGCU C GGCAGUUA	639	UAACUGCC CUGAUGAG GCCGUUAGGC CGAA AGCAGCCC	15947
4711	UCGGCAGU U AUCAAGCA	640	UGCUUGAU CUGAUGAG GCCGUUAGGC CGAA ACUGCCGA	15948
4712	CGGCAGUU A UCAAGCAG	641	CUGCUUGA CUGAUGAG GCCGUUAGGC CGAA AACUGCCG	15949
4714	GCAGUUAU C AAGCAGGA	642	UCCUGCUU CUGAUGAG GCCGUUAGGC CGAA AUAACUGC	15950
4737	GUGAUGGU U GAAGGUGU	643	ACACCUUC CUGAUGAG GCCGUUAGGC CGAA ACCAUCAC	15951
4746	GAAGGUGU U UUCCACAC	644	GUGUGGAA CUGAUGAG GCCGUUAGGC CGAA ACACCUUC	15952
4747	AAGGUGUU U UCCACACC	645	GGUGUGGA CUGAUGAG GCCGUUAGGC CGAA AACACCUU	15953
4748	AGGUGUUU U CCACACCC	646	GGGUGUGG CUGAUGAG GCCGUUAGGC CGAA AAACACCU	15954
4749	GGUGUUUU C CACACCCU	647	AGGGUGUG CUGAUGAG GCCGUUAGGC CGAA AAAACACC	15955
4758 4759	CACACCCU U UGGCAUAC	648	GUAUGCCA CUGAUGAG GCCGUUAGGC CGAA AGGGUGUG	15956
4765	ACACCCUU U GGCAUACA	649	UGUAUGCC CUGAUGAG GCCGUUAGGC CGAA AAGGGUGU	15957
4783	UUUGGCAU A CAACAAAA	650	UUUUGUUG CUGAUGAG GCCGUUAGGC CGAA AUGCCAAA	15958
4784	GAGCCGCU U UGAUGAGC AGCCGCUU U GAUGAGCG	651	GCUCAUCA CUGAUGAG GCCGUUAGGC CGAA AGCGGCUC	15959
4814	GGACCCAU A CUGGGGCA	652	CGCUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGCGGCU	15960
4827	GGCAGUGU C AAGGAGGA	653	UGCCCCAG CUGAUGAG GCCGUUAGGC CGAA AUGGGUCC	15961
4837	AGGAGGAU C GACUUUGU	654 655	UCCUCCUU CUGAUGAG GCCGUUAGGC CGAA ACACUGCC	15962
4842	GAUCGACU U UGUUACGG	656	ACAAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCCUCCU	15963
4843	AUCGACUU U GUUACGGA	657	CCGUAACA CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC	15964
4846	GACUUUGU U ACGGAGGA	658	UCCGUAAC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU UCCUCCGU CUGAUGAG GCCGUUAGGC CGAA ACAAAGUC	15965
4847	ACUUUGUU A CGGAGGAC	659		15966
4865	CUGGAAAU U GCAGCACA	660		15967
4905	CAGAUGAU U GUGGUGGA	661	17001 001 0	15968
4929	AAGAACGU U AAGAACGU	662	ACGUUCUU CUGAUGAG GCCGUUAGGC CGAA AUCAUCUU ACGUUCUU CUGAUGAG GCCGUUAGGC CGAA ACGUUCUU	15969
4930	AGAACGUU A AGAACGUC	663	GACGUUCU CUGAUGAG GCCGUUAGGC CGAA AACGUUCU	15970
4938	AAGAACGU C CAGACGAA	664	UUCGUCUG CUGAUGAG GCCGUUAGGC CGAA ACGUUCUU	15971
4958	AGGGGUGU U CAAAACAC	665	GUGUUUUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU	15972 15973
4959	GGGGUGUU C AAAACACC	666	GGUGUUUU CUGAUGAG GCCGUUAGGC CGAA AACACCCC	15974
4980	GGAGAAAU C GGGGCCGU	667	ACGGCCCC CUGAUGAG GCCGUUAGGC CGAA AUUUCUCC	15975
4993	CCGUGACU U UGGACUUC	668	GAAGUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCACGG	15976
4994	CGUGACUU U GGACUUCC	669	GGAAGUCC CUGAUGAG GCCGUUAGGC CGAA AAGUCACG	15977
5000	UUUGGACU U CCCCACUG	670	CAGUGGGG CUGAUGAG GCCGUUAGGC CGAA AGUCCAAA	15978
5001	UUGGACUU C CCCACUGG	671	CCAGUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUCCAA	15979
5015	UGGAACAU C AGGCUCAC	672	GUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUCCA	15980
5021	AUCAGGCU C ACCAAUAG	673	CUAUUGGU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU	15981
5028	UCACCAAU A GUGGACAA	674	UUGUCCAC CUGAUGAG GCCGUUAGGC CGAA AUUGGUGA	15982
5052	GAUGUGAU U GGGCUUUA	675	UAAAGCCC CUGAUGAG GCCGUUAGGC CGAA AUCACAUC	15983
5058 5059	AUUGGGCU U UAUGGCAA	676	UUGCCAUA CUGAUGAG GCCGUUAGGC CGAA AGCCCAAU	15984
5060	UUGGGCUU U AUGGCAAU	677	AUUGCCAU CUGAUGAG GCCGUUAGGC CGAA AAGCCCAA	15985
5073	UGGGCUUU A UGGCAAUG AAUGGAGU C AUAAUGCC	678	CAUUGCCA CUGAUGAG GCCGUUAGGC CGAA AAAGCCCA	15986
5076		679	GGCAUUAU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUU	15987
5090	GGAGUCAU A AUGCCCAA CAACGGCU C AUACAUAA	680	UUGGGCAU CUGAUGAG GCCGUUAGGC CGAA AUGACUCC	15988
5093	CGGCUCAU A CAUAAGCG	681	UUAUGUAU CUGAUGAG GCCGUUAGGC CGAA AGCCGUUG	15989
5097	UCAUACAU A AGCGCGAU	682	CGCUUAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGCCG	15990
5106	AGCGCGAU A GUGCAGGG	683	AUCGCGCU CUGAUGAG GCCGUUAGGC CGAA AUGUAUGA	15991
5136	GAGCCAAU C CCAGCCGG	684 685	CCCUGCAC CUGAUGAG GCCGUUAGGC CGAA AUCGCGCU	15992
5147	AGCCGGAU U CGAACCUG	686	CCGGCUGG CUGAUGAG GCCGUUAGGC CGAA AUUGGCUC	15993
5148	GCCGGAUU C GAACCUGA	687	CAGGUUCG CUGAUGAG GCCGUUAGGC CGAA AUCCGGCU	15994
5178	AAACAGAU C ACUGUACU	688	UCAGGUUC CUGAUGAG GCCGUUAGGC CGAA AAUCCGGC	15995
5184	AUCACUGU A CUGGAUCU	689	AGUICCAG CUGAUGAG GCCGUUAGGC CGAA AUCUGUUU	15996
			AGAUCCAG CUGAUGAG GCCGUUAGGC CGAA ACAGUGAU	15997

5191	UACUGGAU C UCCAUCCC	690	GGGAUGGA CUGAUGAG GCCGUUAGGC CGAA AUCCAGUA	15000
5193	CUGGAUCU C CAUCCCGG	691	COCCUPATION TO THE COLUMN TO T	15998
5197	AUCUCCAU C CCGGCGCC	692		15999
5209			GGCGCCGG CUGAUGAG GCCGUUAGGC CGAA AUGGAGAU	16000
5223	***************************************	693	CCUUGUUU CUGAUGAG GCCGUUAGGC CGAA ACCGGCGC	16001
		694	UGUGGCAG CUGAUGAG GCCGUUAGGC CGAA AUCCUCCU	16002
5224		695	CUGUGGCA CUGAUGAG GCCGUUAGGC CGAA AAUCCUCC	16003
5235		696	UCUUUGAU CUGAUGAG GCCGUUAGGC CGAA AUCUGUGG	16004
5238	CAGAUCAU C AAAGAGGC	697	GCCUCUUU CUGAUGAG GCCGUUAGGC CGAA AUGAUCUG	16005
5250	GAGGCCAU A AACAGAAG	698	CUUCUGUU CUGAUGAG GCCGUUAGGC CGAA AUGGCCUC	
5277	GCCGUGCU A GCACCAAC	699		16006
5292	ACCAGGGU U GUGGCUGC	700		16007
5334	CUGCCCAU C CGGUACCA	701	110000	16008
5339			UGGUACCG CUGAUGAG GCCGUUAGGC CGAA AUGGGCAG	16009
5348		702	AUGUCUGG CUGAUGAG GCCGUUAGGC CGAA ACCGGAUG	16010
	CCAGACAU C CGCAGUGC	703	GCACUGCG CUGAUGAG GCCGUUAGGC CGAA AUGUCUGG	16011
5368	GAGAACAU A AUGGAAAU	704	AUUUCCAU CUGAUGAG GCCGUUAGGC CGAA AUGUUCUC	16012
5382	AAUGAGAU U GUUGAUGU	705	ACAUCAAC CUGAUGAG GCCGUUAGGC CGAA AUCUCAUU	16013
5385	GAGAUUGU U GAUGUCAU	706	AUGACAUC CUGAUGAG GCCGUUAGGC CGAA ACAAUCUC	16014
5391	GUUGAUGU C AUGUGUCA	707	UGACACAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC	
5398	UCAUGUGU C AUGCUACC	708		16015
5404	GUCAUGCU A CCCUCACC	709	COLOR	16016
5409	GCUACCCU C ACCCACAG	710	CTICITOR CONT. CT. CT. CT. CT. CT. CT. CT. CT. CT. C	16017
5426	GCUGAUGU C UCCUCACA		CUGUGGGU CUGAUGAG GCCGUUAGGC CGAA AGGGUAGC	16018
5428		711	UGUGAGGA CUGAUGAG GCCGUUAGGC CGAA ACAUCAGC	16019
<u> </u>	UGAUGUCU C CUCACAGG	712	CCUGUGAG CUGAUGAG GCCGUUAGGC CGAA AGACAUCA	16020
5431	UGUCUCCU C ACAGGGUG	713	CACCCUGU CUGAUGAG GCCGUUAGGC CGAA AGGAGACA	16021
5447	GCCGAACU A CAACCUGU	714	ACAGGUUG CUGAUGAG GCCGUUAGGC CGAA AGUUCGGC	16022
5456	- CAACCUGU U CGUGAUGG	715	CCAUCACG CUGAUGAG GCCGUUAGGC CGAA ACAGGUUG	
5457	AACCUGUU C GUGAUGGA	716	UCCOVICE CONTRACTOR	16023
5473	AUGAGGCU C AUUUCACC	717	COTTO	16024
5476	AGGCUCAU U UCACCGAC	718	Circocarios	16025
5477	GGCUCAUU U CACCGACC	719	COTTON COLOR	16026
5478	GCUCAUUU C ACCGACCC		GGUCGGUG CUGAUGAG GCCGUUAGGC CGAA AAUGAGCC	16027
5491	ACCCAGCU A GCAUUGCA	720	GGGUCGGU CUGAUGAG GCCGUUAGGC CGAA AAAUGAGC	16028
5496		721	UGCAAUGC CUGAUGAG GCCGUUAGGC CGAA AGCUGGGU	16029
	GCUAGCAU U GCAGCAAG	722	CUUGCUGC CUGAUGAG GCCGUUAGGC CGAA AUGCUAGC	16030
5509	CAAGAGGU U ACAUUUCC	723	GGAAAUGU CUGAUGAG GCCGUUAGGC CGAA ACCUCUUG	16031
5510	AAGAGGUU A CAUUUCCA	724	UGGAAAUG CUGAUGAG GCCGUUAGGC CGAA AACCUCUU	16032
5514	GGUUACAU U UCCACAAA	725	UUUGUGGA CUGAUGAG GCCGUUAGGC CGAA AUGUAACC	+
5515	GUUACAUU U CCACAAAG	726	CUUUGUGG CUGAUGAG GCCGUUAGGC CGAA AAUGUAAC	16033
5516	UUACAUUU C CACAAAGG	727	CONTROL CITY OF THE PARTY OF TH	16034
5526	ACAAAGGU C GAGCUAGG	728	OCTUP COMES CONTRACTOR	16035
5532	GUCGAGCU A GGGGAGGC	729		16036
5550	GCGGCAAU A UUCAUGAC	730	GCCUCCCC CUGAUGAG GCCGUUAGGC CGAA AGCUCGAC	16037
5552	GGCAAUAU U CAUGACAG		GUCAUGAA CUGAUGAG GCCGUUAGGC CGAA AUUGCCGC	16038
5553	GCAAUAUU C AUGACAGC	731	CUGUCAUG CUGAUGAG GCCGUUAGGC CGAA AUAUUGCC	16039
		732	GCUGUCAU CUGAUGAG GCCGUUAGGC CGAA AAUAUUGC	16040
5578	CAGGCACU U CAGAUCCA	733	UGGAUCUG CUGAUGAG GCCGUUAGGC CGAA AGUGCCUG	16041
5579	AGGCACUU C AGAUCCAU	734	AUGGAUCU CUGAUGAG GCCGUUAGGC CGAA AAGUGCCU	16042
5584	CUUCAGAU C CAUUCCCA	735	UGGGAAUG CUGAUGAG GCCGUUAGGC CGAA AUCUGAAG	16043
5588	AGAUCCAU U CCCAGAGU	736	ACUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUGGAUCU	
5589	GAUCCAUU C CCAGAGUC	737	GACUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUGGAUC	16044
5597	CCCAGAGU C CAAUUCAC	738	GUGAAUUG CUGAUGAG GCCGUUAGGC CGAA ACUCUGGG	16045
5602	AGUCCAAU U CACCAAUU	739	AMERICAN CHICANOLO COCCUMENTO CONTROL	16046
5603	GUCCAAUU C ACCAAUUU	740	AAUUGGUG CUGAUGAG GCCGUUAGGC CGAA AUUGGACU	16047
5610	UCACCAAU U UCCGACUU		AAAUUGGU CUGAUGAG GCCGUUAGGC CGAA AAUUGGAC	16048
5611	CACCAAUU U CCGACUUA	741	AAGUCGGA CUGAUGAG GCCGUUAGGC CGAA AUUGGUGA	16049
5612		742	UAAGUCGG CUGAUGAG GCCGUUAGGC CGAA AAUUGGUG	16050
	ACCAAUUU C CGACUUAC	743	GUAAGUCG CUGAUGAG GCCGUUAGGC CGAA AAAUUGGU	16051
5618	UUCCGACU U ACAGACUG	744	CAGUCUGU CUGAUGAG GCCGUUAGGC CGAA AGUCGGAA	16052
5619	UCCGACUU A CAGACUGA	745	UCAGUCUG CUGAUGAG GCCGUUAGGC CGAA AAGUCGGA	
5631	ACUGAGAU C CCGGAUCG	746	CGAUCCGG CUGAUGAG GCCGUUAGGC CGAA AUCUCAGU	16053
5638	UCCCGGAU C GAGCUUGG	747	CCAAGCUC CUGAUGAG GCCGUUAGGC CGAA AUCUCAGU	16054
5644	AUCGAGCU U GGAACUCU	748	AGAGUNGS CUGANGAG COCCURAGE CGAA AUCCGGGA	16055
5651	UUGGAACU C UGGAUACG	749	AGAGUUCC CUGAUGAG GCCGUUAGGC CGAA AGCUCGAU	16056
5657	CUCUGGAU A CGAAUGGA		CGUAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUUCCAA	16057
5667	GAAUGGAU C ACAGAAUA	750	UCCAUUCG CUGAUGAG GCCGUUAGGC CGAA AUCCAGAG	16058
5675	CACAGAAU A CACCGGGA	751	UAUUCUGU CUGAUGAG GCCGUUAGGC CGAA AUCCAUUC	16059
		752	UCCCGGUG CUGAUGAG GCCGUUAGGC CGAA AUUCUGUG	16060
			70	

Table III

5691	AAGACGGU U UGGUUUGU	753	ACAAACCA CUGAUGAG GCCGUUAGGC CGAA ACCGUCUU	16061
5692	AGACGGUU U GGUUUGUG	754	CACAAACC CUGAUGAG GCCGUUAGGC CGAA AACCGUCU	
				16062
5696	GGUUUGGU U UGUGCCUA	755	UAGGCACA CUGAUGAG GCCGUUAGGC CGAA ACCAAACC	16063
5697	GUUUGGUU U GUGCCUAG	756	CUAGGCAC CUGAUGAG GCCGUUAGGC CGAA AACCAAAC	16064
5704	UUGUGCCU A GUGUCAAG	757	CUUGACAC CUGAUGAG GCCGUUAGGC CGAA AGGCACAA	16065
5709	CCUAGUGU C AAGAUGGG	758	CCCAUCUU CUGAUGAG GCCGUUAGGC CGAA ACACUAGG	16066
5727	AAUGAGAU U GCCCUUUG	759	CAAAGGC CUGAUGAG GCCGUUAGGC CGAA AUCUCAUU	
5733	AUUGCCCU U UGCCUACA			16067
		760	UGUAGGCA CUGAUGAG GCCGUUAGGC CGAA AGGGCAAU	16068
5734	UUGCCCUU U GCCUACAA	761	UUGUAGGC CUGAUGAG GCCGUUAGGC CGAA AAGGGCAA	16069
5739	CUUUGCCU A CAACGUGC	762	GCACGUUG CUGAUGAG GCCGUUAGGC CGAA AGGCAAAG	16070
5760	AAGAAAGU A GUCCAAUU	763	AAUUGGAC CUGAUGAG GCCGUUAGGC CGAA ACUUUCUU	16071
5763	AAAGUAGU C CAAUUGAA	764	UUCAAUUG CUGAUGAG GCCGUUAGGC CGAA ACUACUUU	16072
5768	AGUCCAAU U GAACAGAA	765	UUCUGUUC CUGAUGAG GCCGUUAGGC CGAA AUUGGACU	
5780				16073
	CAGAAAGU C GUACGAGA	766	UCUCGUAC CUGAUGAG GCCGUUAGGC CGAA ACUUUCUG	16074
5783	AAAGUCGU A CGAGACGG	767	CCGUCUCG CUGAUGAG GCCGUUAGGC CGAA ACGACUUU	16075
5795	GACGGAGU A CCCAAAAU	768	AUUUUGGG CUGAUGAG GCCGUUAGGC CGAA ACUCCGUC	16076
5806	CAAAAUGU A AGAACGAU	769	AUCGUUCU CUGAUGAG GCCGUUAGGC CGAA ACAUUUUG	16077
5818	ACGAUGAU U GGGACUUU	770	AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AUCAUCGU	16078
5825	UUGGGACU U UGUUAUCA	771	UGAUAACA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA	
5826	UGGGACUU U GUUAUCAC			16079
		772	GUGAUAAC CUGAUGAG GCCGUUAGGC CGAA AAGUCCCA	16080
5829	GACUUUGU U AUCACAAC	773	GUUGUGAU CUGAUGAG GCCGUUAGGC CGAA ACAAAGUC	16081
5830	ACUUUGUU A UCACAACA	774	UGUUGUGA CUGAUGAG GCCGUUAGGC CGAA AACAAAGU	16082
5832	UUUGUUAU C ACAACAGA	775	UCUGUUGU CUGAUGAG GCCGUUAGGC CGAA AUAACAAA	16083
5844	ACAGACAU A UCUGAAAU	776	AUUUCAGA CUGAUGAG GCCGUUAGGC CGAA AUGUCUGU	16084
5846	AGACAUAU C UGAAAUGG	777	CCAUUUCA CUGAUGAG GCCGUUAGGC CGAA AUAUGUCU	
5860	UGGGGGCU A ACUUCAAG	778		16085
			CUUGAAGU CUGAUGAG GCCGUUAGGC CGAA AGCCCCCA	16086
5864	GGCUAACU U CAAGGCGA	779	UCGCCUUG CUGAUGAG GCCGUUAGGC CGAA AGUUAGCC	16087
5865	GCUAACUU C AAGGCGAG	780	CUCGCCUU CUGAUGAG GCCGUUAGGC CGAA AAGUUAGC	16088
5883	AGGGUGAU U GACAGCCG	781	CGGCUGUC CUGAUGAG GCCGUUAGGC CGAA AUCACCCU	16089
5913	CCAACCAU C AUAACAGA	782	UCUGUUAU CUGAUGAG GCCGUUAGGC CGAA AUGGUUGG	16090
5916	ACCAUCAU A ACAGAAGG	783	CCUUCUGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGGU	16091
5940	AGAGUGAU C CUGGGAGA	784	UCUCCCAG CUGAUGAG GCCGUUAGGC CGAA AUCACUCU	16092
5954	AGAACCAU C UGCAGUGA	785		
5971	CAGCAGCU A GUGCCGCC		UCACUGCA CUGAUGAG GCCGUUAGGC CGAA AUGGUUCU	16093
		786	GGCGGCAC CUGAUGAG GCCGUUAGGC CGAA AGCUGCUG	16094
5995	GUGGACGU A UCGGUAGA	787	UCUACCGA CUGAUGAG GCCGUUAGGC CGAA ACGUCCAC	16095
5997	GGACGUAU C GGUAGAAA	788	UUUCUACC CUGAUGAG GCCGUUAGGC CGAA AUACGUCC	16096
6001	GUAUCGGU A GAAAUCCG	789	CGGAUUUC CUGAUGAG GCCGUUAGGC CGAA ACCGAUAC	16097
6007	GUAGAAAU C CGUCGCAA	790	UUGCGACG CUGAUGAG GCCGUUAGGC CGAA AUUUCUAC	16098
6011	AAAUCCGU C GCAAGUUG	791	CAACUUGC CUGAUGAG GCCGUUAGGC CGAA ACGGAUUU	16099
6018	UCGCAAGU U GGUGAUGA	792	UCAUCACC CUGAUGAG GCCGUUAGGC CGAA ACUUGCGA	16100
6029	UGAUGAGU A CUGUUAUG	793	CAUAACAG CUGAUGAG GCCGUUAGGC CGAA ACUCAUCA	
6034	AGUACUGU U AUGGGGGG			16101
6035		794	CCCCCCAU CUGAUGAG GCCGUUAGGC CGAA ACAGUACU	16102
	GUACUGUU A UGGGGGGC	795	GCCCCCCA CUGAUGAG GCCGUUAGGC CGAA AACAGUAC	16103
6062	AGACGACU C GAACUUCG	796	CGAAGUUC CUGAUGAG GCCGUUAGGC CGAA AGUCGUCU	16104
6068	CUCGAACU U CGCCCAUU	797	AAUGGGCG CUGAUGAG GCCGUUAGGC CGAA AGUUCGAG	16105
6069	UCGAACUU C GCCCAUUG	798	CAAUGGGC CUGAUGAG GCCGUUAGGC CGAA AAGUUCGA	16106
6076	UCGCCCAU U GGACUGAG	799	CUCAGUCC CUGAUGAG GCCGUUAGGC CGAA AUGGGCGA	16107
6093	GCACGAAU C AUGCUGGA	800		
6108	GACAACAU C AACAUGCC		UCCAGCAU CUGAUGAG GCCGUUAGGC CGAA AUUCGUGC	16108
$\overline{}$		801	GGCAUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUUGUC	16109
6129	GGACUGAU C GCUCAAUU	802	AAUUGAGC CUGAUGAG GCCGUUAGGC CGAA AUCAGUCC	16110
6133	UGAUCGCU C AAUUCUAC	803	GUAGAAUU CUGAUGAG GCCGUUAGGC CGAA AGCGAUCA	16111
6137	CGCUCAAU U CUACCAAC	804	GUUGGUAG CUGAUGAG GCCGUUAGGC CGAA AUUGAGCG	16112
6138	GCUCAAUU C UACCAACC	805	GGUUGGUA CUGAUGAG GCCGUUAGGC CGAA AAUUGAGC	16113
6140	UCAAUUCU A CCAACCAG	806	CUGGUUGG CUGAUGAG GCCGUUAGGC CGAA AGAAUUGA	16114
6162	GAGAAGGU A UAUACCAU	807	*	
6164	GAAGGUAU A UACCAUGG	-	AUGGUAUA CUGAUGAG GCCGUUAGGC CGAA ACCUUCUC	16115
		808	CCAUGGUA CUGAUGAG GCCGUUAGGC CGAA AUACCUUC	16116
6166	AGGUAUAU A CCAUGGAU	809	AUCCAUGG CUGAUGAG GCCGUUAGGC CGAA AUAUACCU	16117
6182	UGGGGAAU A CCGGCUCA	810	UGAGCCGG CUGAUGAG GCCGUUAGGC CGAA AUUCCCCA	16118
6189	UACCGGCU C AGAGGAGA	811	UCUCCUCU CUGAUGAG GCCGUUAGGC CGAA AGCCGGUA	16119
6212	AAAAAACU U UCUGGAAC	812	GUUCCAGA CUGAUGAG GCCGUUAGGC CGAA AGUUUUUUU	16120
6213	AAAAACUU U CUGGAACU	813	AGUUCCAG CUGAUGAG GCCGUUAGGC CGAA AAGUUUUU	
6214	AAAACUUU C UGGAACUG	814		16121
6224	GGAACUGU U GAGGACUG		CAGUUCCA CUGAUGAG GCCGUUAGGC CGAA AAAGUUUU	16122
	JURISCOU O GRUGACUG	815	CAGUCCUC CUGAUGAG GCCGUUAGGC CGAA ACAGUUCC	16123

			Table III	
6238	CUGCAGAU C UGCCAGUU	816	AACUGGCA CUGAUGAG GCCGUUAGGC CGAA AUCUGCAG	16124
6246	CUGCCAGU U UGGCUGGC	817	GCCAGCCA CUGAUGAG GCCGUUAGGC CGAA ACUGGCAG	16125
6247	UGCCAGUU U GGCUGGCU	818	AGCCAGCC CUGAUGAG GCCGUUAGGC CGAA AACUGGCA	16126
6256	GGCUGGCU U ACAAGGUU	819	AACCUUGU CUGAUGAG GCCGUUAGGC CGAA AGCCAGCC	16127
6257	GCUGGCUU A CAAGGUUG	820	CAACCUUG CUGAUGAG GCCGUUAGGC CGAA AAGCCAGC	16128
6264	UACAAGGU U GCAGCGGC	821	GCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACCUUGUA	16129
6281	UGGAGUGU C AUACCACG	822	CGUGGUAU CUGAUGAG GCCGUUAGGC CGAA ACACUCCA	16130
6284	AGUGUCAU A CCACGACC	823	GGUCGUGG CUGAUGAG GCCGUUAGGC CGAA AUGACACU	16131
6305	GUGGUGCU U UGAUGGUC	824	GACCAUCA CUGAUGAG GCCGUUAGGC CGAA AGCACCAC	16132
6306	UGGUGCUU U GAUGGUCC	825	GGACCAUC CUGAUGAG GCCGUUAGGC CGAA AAGCACCA	16133
6313	UUGAUGGU C CUAGGACA	826	UGUCCUAG CUGAUGAG GCCGUUAGGC CGAA ACCAUCAA	16134
6330	AUGGUCCU A GGACAAAC	827	GUUUGUCC CUGAUGAG GCCGUUAGGC CGAA AGGACCAU	16135
6331	AACACAAU U UUAGAAGA ACACAAUU U UAGAAGAC	828	UCUUCUAA CUGAUGAG GCCGUUAGGC CGAA AUUGUGUU	16136
6332	CACAAUUU U AGAAGACA	829	GUCUUCUA CUGAUGAG GCCGUUAGGC CGAA AAUUGUGU	16137
6333	ACAAUUUU A GAAGACAA	831	UGUCUUCU CUGAUGAG GCCGUUAGGC CGAA AAAUUGUG	16138
6357	GUGGAAGU C AUCACGAA	832	UUGUCUUC CUGAUGAG GCCGUUAGGC CGAA AAAAUUGU	16139
6360	GAAGUCAU C ACGAAGCU	833	UUCGUGAU CUGAUGAG GCCGUUAGGC CGAA ACUUCCAC AGCUUCGU CUGAUGAG GCCGUUAGGC CGAA AUGACUUC	16140
6369	ACGAAGCU U GGUGAAAG	834	CUUUCACC CUGAUGAG GCCGUUAGGC CGAA AGCUUCGU	16141
6384	AGGAAGAU U CUGAGGCC	835	GGCCUCAG CUGAUGAG GCCGUUAGGC CGAA AUCUUCCU	16142
6385	GGAAGAUU C UGAGGCCG	836	CGGCCUCA CUGAUGAG GCCGUUAGGC CGAA AAUCUUCC	16143
6402	CGCUGGAU U GACGCCAG	837	CUGGCGUC CUGAUGAG GCCGUUAGGC CGAA AUCCAGCG	16144
6416	CAGGGUGU A CUCGGAUC	838	GAUCCGAG CUGAUGAG GCCGUUAGGC CGAA ACACCCUG	16145
6419	GGUGUACU C GGAUCACC	839	GGUGAUCC CUGAUGAG GCCGUUAGGC CGAA AGUACACC	16147
6424	ACUCGGAU C ACCAGGCA	840	UGCCUGGU CUGAUGAG GCCGUUAGGC CGAA AUCCGAGU	16148
6435	CAGGCACU A AAGGCGUU	841	AACGCCUU CUGAUGAG GCCGUUAGGC CGAA AGUGCCUG	16149
6443	AAAGGCGU U CAAGGACU	842	AGUCCUUG CUGAUGAG GCCGUUAGGC CGAA ACGCCUUU	16150
6444	AAGGCGUU C AAGGACUU	843	AAGUCCUU CUGAUGAG GCCGUUAGGC CGAA AACGCCUU	16151
6452	CAAGGACU U CGCCUCGG	844	CCGAGGCG CUGAUGAG GCCGUUAGGC CGAA AGUCCUUG	16152
6453 . 6458	AAGGACUU C GCCUCGGG	845	CCCGAGGC CUGAUGAG GCCGUUAGGC CGAA AAGUCCUU	16153
6469	CUUCGCCU C GGGAAAAC GAAAACGU U CUCAGAUA	846	GUUUUCCC CUGAUGAG GCCGUUAGGC CGAA AGGCGAAG	16154
6470	AAAACGUU C UCAGAUAG	847	UAUCUGAG CUGAUGAG GCCGUUAGGC CGAA ACGUUUUC	16155
6472	AACGUUCU C AGAUAGGG	849	CUAUCUGA CUGAUGAG GCCGUUAGGC CGAA AACGUUUU	16156
6477	UCUCAGAU A GGGCUCAU	850	CCCUAUCU CUGAUGAG GCCGUUAGGC CGAA AGAACGUU	16157
6483	AUAGGCU C AUUGAGGU	851	AUGAGCCC CUGAUGAG GCCGUUAGGC CGAA AUCUGAGA ACCUCAAU CUGAUGAG GCCGUUAGGC CGAA AGCCCUAU	16158
6486	GGGCUCAU U GAGGUUCU	852	AGAACCUC CUGAUGAG GCCGUUAGGC CGAA AGCCCUAU	16159
6492	AUUGAGGU U CUGGGAAA	853	UUUCCCAG CUGAUGAG GCCGUUAGGC CGAA ACCUCAAU	16160
6493	UUGAGGUU C UGGGAAAG	854	CUUUCCCA CUGAUGAG GCCGUUAGGC CGAA AACCUCAA	16161
6515	UGAGCACU U CAUGGGGA	855	UCCCCAUG CUGAUGAG GCCGUUAGGC CGAA AGUGCUCA	16163
6516	GAGCACUU C AUGGGGAA	856	UUCCCCAU CUGAUGAG GCCGUUAGGC CGAA AAGUGCUC	16164
6540	GAAGCACU U GACACCAU	857	AUGGUGUC CUGAUGAG GCCGUUAGGC CGAA AGUGCUUC	16165
6551	CACCAUGU A CGUUGUGG	858	CCACAACG CUGAUGAG GCCGUUAGGC CGAA ACAUGGUG	16166
6555	AUGUACGU U GUGGCCAC	859	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA ACGUACAU	16167
6586	GAAGAGCU C ACAGAAUG	860	CAUUCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUCUUC	16168
6619 6621	CAGAUGCU C UUCAGACA GAUGCUCU U CAGACAAU	861	UGUCUGAA CUGAUGAG GCCGUUAGGC CGAA AGCAUCUG	16169
6622	AUGCUCUU C AGACAAUU	862	AUUGUCUG CUGAUGAG GCCGUUAGGC CGAA AGAGCAUC	16170
6630	CAGACAAU U GCCUUGAU	863	AAUUGUCU CUGAUGAG GCCGUUAGGC CGAA AAGAGCAU	16171
6635	AAUUGCCU U GAUUGCCU	865	AUCAAGGC CUGAUGAG GCCGUUAGGC CGAA AUUGUCUG	16172
6639	GCCUUGAU U GCCUUAUU	866	AGGCAAUC CUGAUGAG GCCGUUAGGC CGAA AGGCAAUU	16173
6644	GAUUGCCU U AUUGAGUG	867	AAUAAGGC CUGAUGAG GCCGUUAGGC CGAA AUCAAGGC CACUCAAU CUGAUGAG GCCGUUAGGC CGAA AGGCAAUC	16174
6645	AUUGCCUU A UUGAGUGU	.868	ACACUCAA CUGAUGAG GCCGUUAGGC CGAA AGGCAAUC ACACUCAA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU	16175
6647	UGCCUUAU U GAGUGUGA	869	UCACACUC CUGAUGAG GCCGUUAGGC CGAA AUAAGGCA	16176
6669	AUGGGAGU A UUCUUCCU	870	AGGAAGAA CUGAUGAG GCCGUUAGGC CGAA ACUCCCAU	16177
6671	GGGAGUAU U CUUCCUCC	871	GGAGGAAG CUGAUGAG GCCGUUAGGC CGAA AUACUCCC	16178
6672	GGAGUAUU C UUCCUCCU	872	AGGAGGAA CUGAUGAG GCCGUUAGGC CGAA AAUACUCC	16180
6674	AGUAUUCU U CCUCCUCA	873	UGAGGAGG CUGAUGAG GCCGUUAGGC CGAA AGAAUACU	16181
6675	GUAUUCUU C CUCCUCAU	874	AUGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAGAAUAC	16182
6678	UUCUUCCU C CUCAUGCA	875	UGCAUGAG CUGAUGAG GCCGUUAGGC CGAA AGGAAGAA	16183
6681	UUCCUCCU C AUGCAGCG	876	CGCUGCAU CUGAUGAG GCCGUUAGGC CGAA AGGAGGAA	16184
6699	AAGGGCAU U GGAAAGAU	877	AUCUUUCC CUGAUGAG GCCGUUAGGC CGAA AUGCCCUU	16185
3,08	GGAAAGAU A GGUUUGGG	878	CCCAAACC CUGAUGAG GCCGUUAGGC CGAA AUCUUUCC	16186
			75	

Table III

			·	
6712	AGAUAGGU U UGGGAGGC	879	GCCUCCCA CUGAUGAG GCCGUUAGGC CGAA ACCUAUCU	16102
6713	GAUAGGUU U GGGAGGCG	880		16187
6726	GGCGCUGU C UUGGGAGU	881		16188
6728	CGCUGUCU U GGGAGUCG	882		16189
6735		883	CGACUCCC CUGAUGAG GCCGUUAGGC CGAA AGACAGCG	16190
6743			AAGGUCGC CUGAUGAG GCCGUUAGGC CGAA ACUCCCAA	16191
6744	GCGACCUU U UUCUGUUG	884	AACAGAAA CUGAUGAG GCCGUUAGGC CGAA AGGUCGCG	16192
		885	CAACAGAA CUGAUGAG GCCGUUAGGC CGAA AAGGUCGC	16193
6745		886	CCAACAGA CUGAUGAG GCCGUUAGGC CGAA AAAGGUCG	16194
6746	GACCUUUU U CUGUUGGA	887	UCCAACAG CUGAUGAG GCCGUUAGGC CGAA AAAAGGUC	16195
6747	ACCUUUUU C UGUUGGAU	888	AUCCAACA CUGAUGAG GCCGUUAGGC CGAA AAAAAGGU	16196
6751	UUUUCUGU U GGAUGGCU	889	AGCCAUCC CUGAUGAG GCCGUUAGGC CGAA ACAGAAAA	
6765	GCUGAAGU U CCAGGAAC	890	CHARLES CONTRACTOR OF THE CONT	16197
6766	CUGAAGUU C CAGGAACG	891	ACTIVITY OF THE PROPERTY OF TH	16198
6780	ACGAAGAU C GCCGGAAU	892		16199
6791	CGGAAUGU U GCUGCUCU	893	AUUCCGGC CUGAUGAG GCCGUUAGGC CGAA AUCUUCGU	16200
6798	UUGCUGCU C UCCCUUCU		AGAGCAGC CUGAUGAG GCCGUUAGGC CGAA ACAUUCCG	16201
6800		894	AGAAGGGA CUGAUGAG GCCGUUAGGC CGAA AGCAGCAA	16202
6804	GCUGCUCU C CCUUCUCU	895	AGAGAAGG CUGAUGAG GCCGUUAGGC CGAA AGAGCAGC	16203
	CUCUCCCU U CUCUUGAU	896	AUCAAGAG CUGAUGAG GCCGUUAGGC CGAA AGGGAGAG	16204
6805	UCUCCCUU C UCUUGAUG	897	CAUCAAGA CUGAUGAG GCCGUUAGGC CGAA AAGGGAGA	16205
6807	UCCCUUCU C UUGAUGAU	898	AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA AGAAGGGA	16206
6809	CCUUCUCU U GAUGAUUG	899	CAAUCAUC CUGAUGAG GCCGUUAGGC CGAA AGAGAAGG	16207
6816	UUGAUGAU U GUGCUAAU	900	AUUAGCAC CUGAUGAG GCCGUUAGGC CGAA AUCAUCAA	
6822	AUUGUGCU A AUUCCUGA	901	Margarette Carl Mochocha	16208
6825	GUGCUAAU U CCUGAGCC	902	000000	16209
6826	UGCUAAUU C CUGAGCCA	903	Woodster C. Commission of the	16210
6847	AGCAACGU U CGCAGACA	904	UGGCUCAG CUGAUGAG GCCGUUAGGC CGAA AAUUAGCA	16211
6848	GCAACGUU C GCAGACAG		UGUCUGCG CUGAUGAG GCCGUUAGGC CGAA ACGUUGCU	16212
6867	AACCAGCU A GCCGUGUU	905	CUGUCUGC CUGAUGAG GCCGUUAGGC CGAA AACGUUGC	16213
6875		906	AACACGGC CUGAUGAG GCCGUUAGGC CGAA AGCUGGUU	16214
6876	AGCCGUGU U CCUGAUUU	907	AAAUCAGG CUGAUGAG GCCGUUAGGC CGAA ACACGGCU	16215
	GCCGUGUU C CUGAUUUG	908	CAAAUCAG CUGAUGAG GCCGUUAGGC CGAA AACACGGC	16216
6882	UUCCUGAU U UGUGUCAU	909	AUGACACA CUGAUGAG GCCGUUAGGC CGAA AUCAGGAA	16217
6883	UCCUGAUU U GUGUCAUG	910	CAUGACAC CUGAUGAG GCCGUUAGGC CGAA AAUCAGGA	16218
6888	AUUUGUGU C AUGACCCU	911	AGGGUCAU CUGAUGAG GCCGUUAGGC CGAA ACACAAAU	16219
6897	AUGACCCU U GUGAGCGC	912	GCGCUCAC CUGAUGAG GCCGUUAGGC CGAA AGGGUCAU	
6928	AGAUGGGU U GGCUAGAU	913	Nivers and a second	16220
6933	GGUUGGCU A GAUAAGAC	914	CHICATALLIA COLONIA	16221
6937	GGCUAGAU A AGACCAAG	915		16222
6954	AGUGACAU A AGCAGUUU	916	CUUGGUCU CUGAUGAG GCCGUUAGGC CGAA AUCUAGCC	16223
6961	UAAGCAGU U UGUUUGGG	917	AAACUGCU CUGAUGAG GCCGUUAGGC CGAA AUGUCACU	16224
6962	AAGCAGUU U GUUUGGGC	918	CCCAAACA CUGAUGAG GCCGUUAGGC CGAA ACUGCUUA	16225
6965	CAGUUUGU U UGGGCAAA		GCCCAAAC CUGAUGAG GCCGUUAGGC CGAA AACUGCUU	16226
6966	AGUUUGUU U GGGCAAAG	919	UUUGCCCA CUGAUGAG GCCGUUAGGC CGAA ACAAACUG	16227
6978		920	CUUUGCCC CUGAUGAG GCCGUUAGGC CGAA AACAAACU	16228
	CAAAGAAU U GAGGUCAA	921	UUGACCUC CUGAUGAG GCCGUUAGGC CGAA AUUCUUUG	16229
6984	AUUGAGGU C AAGGAGAA	922	UUCUCCUU CUGAUGAG GCCGUUAGGC CGAA ACCUCAAU	16230
6994	AGGAGAAU U UCAGCAUG	923	CAUGCUGA CUGAUGAG GCCGUUAGGC CGAA AUUCUCCU	16231
6995	GGAGAAUU U CAGCAUGG	924	CCAUGCUG CUGAUGAG GCCGUUAGGC CGAA AAUUCUCC	16232
6996	GAGAAUUU C AGCAUGGG	925	CCCAUGCU CUGAUGAG GCCGUUAGGC CGAA AAAUUCUC	
7010	GGGAGAGU U UCUUUUGG	926	CCAAAAGA CUGAUGAG GCCGUUAGGC CGAA ACUCUCCC	16233
7011	GGAGAGUU U CUUUUGGA	927	UCCAAAAG CUGAUGAG GCCGUUAGGC CGAA AACUCUCC	16234
7012	GAGAGUUU C UUUUGGAC	928	GUCCAAAA CUGAUGAG GCCGUUAGGC CGAA AACUCUCC	16235
7014	GAGUUUCU U UUGGACUU	929	ANGUIGGAA GUGAUGAG GCCGUUAGGC CGAA AAACUCUC	16236
7015	AGUUUCUU U UGGACUUG	930	AAGUCCAA CUGAUGAG GCCGUUAGGC CGAA AGAAACUC	16237
7016	GUUUCUUU U GGACUUGA	931	CAAGUCCA CUGAUGAG GCCGUUAGGC CGAA AAGAAACU	16238
7022	UUUGGACU U GAGGCCGG	-	UCAAGUCC CUGAUGAG GCCGUUAGGC CGAA AAAGAAAC	16239
7043	AGCCUGGU C ACUGUACG	932	CCGGCCUC CUGAUGAG GCCGUUAGGC CGAA AGUCCAAA	16240
7049	GUCACUGU A CGCUGUGA	933	CGUACAGU CUGAUGAG GCCGUUAGGC CGAA ACCAGGCU	16241
7068		934	UCACAGCG CUGAUGAG GCCGUUAGGC CGAA ACAGUGAC	16242
	ACAGCGGU C CUCACUCC	935	GGAGUGAG CUGAUGAG GCCGUUAGGC CGAA ACCGCUGU	16243
7071	GCGGUCCU C ACUCCACU	936	AGUGGAGU CUGAUGAG GCCGUUAGGC CGAA AGGACCGC	16244
7075	UCCUCACU C CACUGCUA	937	UAGCAGUG CUGAUGAG GCCGUUAGGC CGAA AGUGAGGA	16245
7083	CCACUGCU A AAGCAUUU	938	AAAUGCUU CUGAUGAG GCCGUUAGGC CGAA AGCAGUGG	
7090	UAAAGCAU U UGAUCACG	939	CGUGAUCA CUGAUGAG GCCGUUAGGC CGAA AUGCUUUA	16246
7091	AAAGCAUU U GAUCACGU	940	ACGUGAUC CUGAUGAG GCCGUUAGGC CGAA AAUGCUUUU	16247
7095	CAUUUGAU C ACGUCAGA	941	UCUGACGU CUGAUGAG GCCGUUAGGC CGAA AUCAAAUG	16248
			COUNTRY GUCGOUNGGU CGAA AUCAAAUG	16249

			Table III	,
7100	GAUCACGU C AGAUUACA	942	UGUAAUCU CUGAUGAG GCCGUUAGGC CGAA ACGUGAUC	1 15050
7105	CGUCAGAU U ACAUCAAC	943	GUUGAUGU CUGAUGAG GCCGUUAGGC CGAA AUCUGACG	16250
7106	GUCAGAUU A CAUCAACA	944	UGUUGAUG CUGAUGAG GCCGUUAGGC CGAA AAUCUGAC	16251
7110	GAUUACAU C AACACCUC	945	GAGGUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUAAUC	16252
7118	CAACACCU C AUUGACCU	946	AGGUCAAU CUGAUGAG GCCGUUAGGC CGAA AGGUGUUG	16253
7121	CACCUCAU U GACCUCAA	947	UUGAGGUC CUGAUGAG GCCGUUAGGC CGAA AUGAGGUG	16254
7127	AUUGACCU C AAUAAACG	948	CGUUUAUU CUGAUGAG GCCGUUAGGC CGAA AGGUCAAU	16255
7131	ACCUCAAU A AACGUUCA	949	UGAACGUU CUGAUGAG GCCGUUAGGC CGAA AUUGAGGU	16256
7137	AUAAACGU U CAGGCAAG	950	CUUGCCUG CUGAUGAG GCCGUUAGGC CGAA ACGUUUAU	16257
7138	UAAACGUU C AGGCAAGU	951	ACUUGCCU CUGAUGAG GCCGUUAGGC CGAA AACGUUUA	16258
7152	AGUGCACU A UUCACACU	952	AGUGUGAA CUGAUGAG GCCGUUAGGC CGAA AGUGCACU	16259
7154	UGCACUAU U CACACUCG	953	CGAGUGUG CUGAUGAG GCCGUUAGGC CGAA AUAGUGCA	16260
7155	GCACUAUU C ACACUCGC	954	GCGAGUGU CUGAUGAG GCCGUUAGGC CGAA AAUAGUGC	16261
7161	UUCACACU C GCGCGAGG	955	CCUCGCGC CUGAUGAG GCCGUUAGGC CGAA AGUGUGAA	16262
7172	GCGAGGCU U CCCCUUCG	956	CGAAGGG CUGAUGAG GCCGUUAGGC CGAA AGCCUCGC	16263
7173	CGAGGCUU C CCCUUCGU	957	ACGAAGGG CUGAUGAG GCCGUUAGGC CGAA AAGCCUCG	16264
7178	CUUCCCCU U CGUCGAUG	958	CAUCGACG CUGAUGAG GCCGUUAGGC CGAA AGGGGAAG	16265
7179	UUCCCCUU C GUCGAUGU	959	ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA AAGGGGAA	16267
7182	CCCUUCGU C GAUGUUGG	960	CCAACAUC CUGAUGAG GCCGUUAGGC CGAA ACGAAGGG	16268
7188	GUCGAUGU U GGAGUGUC	961	GACACUCC CUGAUGAG GCCGUUAGGC CGAA ACAUCGAC	16269
7196	UGGAGUGU C GGCUCUCC	962	GGAGAGCC CUGAUGAG GCCGUUAGGC CGAA ACACUCCA	16270
7201	UGUCGGCU C UCCUGCUA	963	UAGCAGGA CUGAUGAG GCCGUUAGGC CGAA AGCCGACA	16271
7203	UCGGCUCU C CUGCUAGC	964	GCUAGCAG CUGAUGAG GCCGUUAGGC CGAA AGAGCCGA	16272
7209	CUCCUGCU A GCAGCCGG	965	CCGGCUGC CUGAUGAG GCCGUUAGGC CGAA AGCAGGAG	16273
7233	GGACAAGU C ACCCUCAC	966	GUGAGGGU CUGAUGAG GCCGUUAGGC CGAA ACUUGUCC	16274
7239	GUCACCCU C ACCGUUAC	967	GUAACGGU CUGAUGAG GCCGUUAGGC CGAA AGGGUGAC	16275
7245	CUCACCGU U ACGGUAAC	968	GUUACCGU CUGAUGAG GCCGUUAGGC CGAA ACGGUGAG	16276
7246	UCACCGUU A CGGUAACA	969	UGUUACCG CUGAUGAG GCCGUUAGGC CGAA AACGGUGA	16277
7251	GUUACGGU A ACAGCGGC	970	GCCGCUGU CUGAUGAG GCCGUUAGGC CGAA ACCGUAAC	16278
7266	GCAACACU C CUUUUUUG	971	CAAAAAAG CUGAUGAG GCCGUUAGGC CGAA AGUGUUGC	16279
7269	ACACUCCU U UUUUGCCA	972	UGGCAAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGUGU	16280
7270	CACUCCUU U UUUGCCAC	973	GUGGCAAA CUGAUGAG GCCGUUAGGC CGAA AAGGAGUG	16281
7271	ACUCCUUU U UUGCCACU	974	AGUGGCAA CUGAUGAG GCCGUUAGGC CGAA AAAGGAGU	16282
7272	CUCCUUUU U UGCCACUA	975	UAGUGGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGGAG	16283
7273	UCCUUUUU U GCCACUAU	976	AUAGUGGC CUGAUGAG GCCGUUAGGC CGAA AAAAAGGA	16284
7280	UUGCCACU A UGCCUACA	977	UGUAGGCA CUGAUGAG GCCGUUAGGC CGAA AGUGGCAA	16285
7286	CUAUGCCU A CAUGGUUC	978	GAACCAUG CUGAUGAG GCCGUUAGGC CGAA AGGCAUAG	16286
7293	UACAUGGU U CCCGGUUG	979	CAACCGGG CUGAUGAG GCCGUUAGGC CGAA ACCAUGUA	16287
7294	ACAUGGUU C CCGGUUGG	980	CCAACCGG CUGAUGAG GCCGUUAGGC CGAA AACCAUGU	16288
7300	UUCCCGGU U GGCAAGCU	981	AGCUUGCC CUGAUGAG GCCGUUAGGC CGAA ACCGGGAA	16289
7350	AAUGCGCU C AGCCCAGC GCCGGAAU C AUGAAGAA	982	GCUGGGCU CUGAUGAG GCCGUUAGGC CGAA AGCGCAUU	16290
7365		983	UUCUUCAU CUGAUGAG GCCGUUAGGC CGAA AUUCCGGC	16291
7377	AACGCUGU A GUGGAUGG GAUGGCAU C GUGGCCAC	984	CCAUCCAC CUGAUGAG GCCGUUAGGC CGAA ACAGCGUU	16292
7392	ACGGACGU C CCAGAAUU	985	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA AUGCCAUC	16293
7400	CCCAGAAU U AGAGCGCA	986	AAUUCUGG CUGAUGAG GCCGUUAGGC CGAA ACGUCCGU	16294
7401	CCAGAAUU A GAGCGCAC	987	UGCGCUCU CUGAUGAG GCCGUUAGGC CGAA AUUCUGGG	16295
7419	ACACCCAU C AUGCAGAA	989	GUGCGCUC CUGAUGAG GCCGUUAGGC CGAA AAUUCUGG	16296
7434	AAGAAAGU U GGACAGAU	990	UUCUGCAU CUGAUGAG GCCGUUAGGC CGAA AUGGGUGU	16297
7443	GGACAGAU C AUGCUGAU	991	AUCUGUCC CUGAUGAG GCCGUUAGGC CGAA ACUUUCUU	16298
7452	AUGCUGAU C UUGGUGUC	992	AUCAGCAU CUGAUGAG GCCGUUAGGC CGAA AUCUGUCC	16299
7454	GCUGAUCU U GGUGUCUC	993	GACACCAA CUGAUGAG GCCGUUAGGC CGAA AUCAGCAU	16300
7460	CUUGGUGU C UCUAGCUG	994	GAGACACC CUGAUGAG GCCGUUAGGC CGAA AGAUCAGC	16301
7462	UGGUGUCU C UAGCUGCA	995	CAGCUAGA CUGAUGAG GCCGUUAGGC CGAA ACACCAAG	16302
7464	GUGUCUCU A GCUGCAGU	996	UGCAGCUA CUGAUGAG GCCGUUAGGC CGAA AGACACCA	16303
7473	GCUGCAGU A GUAGUGAA	997	ACUGCAGC CUGAUGAG GCCGUUAGGC CGAA AGAGACAC	16304
7476	GCAGUAGU A GUGAACCC	998	UUCACUAC CUGAUGAG GCCGUUAGGC CGAA ACUGCAGC	16305
7487	GAACCCGU C UGUGAAGA	999	GGGUUCAC CUGAUGAG GCCGUUAGGC CGAA ACUACUGC	16306
7500	AAGACAGU A CGAGAAGC	1000	UCUUCACA CUGAUGAG GCCGUUAGGC CGAA ACGGGUUC GCUUCUCG CUGAUGAG GCCGUUAGGC CGAA ACUGUCUU	16307
7515	GCCGGAAU U UUGAUCAC	1001	GUGAUCAA CUGAUGAG GCCGUUAGGC CGAA AUUCCGGC	16308
7516	CCGGAAUU U UGAUCACG	1002	CGUGAUCA CUGAUGAG GCCGUUAGGC CGAA ADUCCGGC CGUGAUCA CUGAUGAG GCCGUUAGGC CGAA AAUUCCGG	16309
7517	CGGAAUUU U GAUCACGG	1003	CCGUGAUCA CUGAUGAG GCCGUUAGGC CGAA AAUUCCGG CCGUGAUC CUGAUGAG GCCGUUAGGC CGAA AAAUUCCG	16310
7521	AUUUUGAU C ACGGCCGC	1004	GCGGCCGU CUGAUGAG GCCGUUAGGC CGAA AUCAAAAU	16311
			COUNTRY COMMON CONTRACT COMM	16312

			Table III	FC1/USU1/4833	5 U
7542	GUGACGCU U UGGGAGAA	1005	UUCUCCCA CUGAUGAG	GCCGUUAGGC CGAA AGCGUCAC	
7543		1006	AUUCUCCC CUGAUGAG	GCCGUUAGGC CGAA AGCGUCAC	16313
7562		1007	UCCAAACA CUGAUGAG	GCCGUUAGGC CGAA AGCCUUGCU	16314
7566	AGCUCUGU U UGGAACGC	1008	GCGUUCCA CUGAUGAG	GCCGUUAGGC CGAA ACAGAGCU	16315
7567	GCUCUGUU U GGAACGCA	1009	DGCGUUCC CUGAUGAG	GCCGUUAGGC CGAA AACAGAGC	16316
7587	ACUGCCAU C GGACUCUG	1010	CAGAGUCC CUGALIGAG	GCCGUUAGGC CGAA AACAGAGU	16317
7593	AUCGGACU C UGCCACAU	1011	AUGUGGCA CUGAUGAG	GCCGUUAGGC CGAA AGUCCGAU	16318
7602	UGCCACAU C AUGCGUGG	1012	CCACGCAU CUGAUGAG	GCCGUUAGGC CGAA AUGUGGCA	16319
7615	GUGGGGGU U GGUUGUCA	1013	UGACAACC CUGAUGAG	GCCGUUAGGC CGAA ACCCCCAC	16320
7619	GGGUUGGU U GUCAUGUC	1014	GACAUGAC CUGAUGAG	GCCGUUAGGC CGAA ACCAACCC	16321
7622	UUGGUUGU C AUGUCUAU	1015	AUAGACAU CUGAUGAG	GCCGUUAGGC CGAA ACAACCAA	16322
7627	UGUCAUGU C UAUCCAUA	1016	UAUGGAUA CUGAUGAG	GCCGUUAGGC CGAA ACAUGACA	16323
7629	UCAUGUCU A UCCAUAAC	1017	GUUAUGGA CUGAUGAG	GCCGUUAGGC CGAA AGACAUGA	16324
7631	AUGUCUAU C CAUAACAU	1018	AUGUUAUG CUGAUGAG	GCCGUUAGGC CGAA AUAGACAU	16325
7635	CUAUCCAU A ACAUGGAC	1019	GUCCAUGU CUGAUGAG	GCCGUUAGGC CGAA AUGGAUAG	16326
7647	UGGACACU C AUAAAGAA	1020	UUCUUUAU CUGAUGAG	GCCGUUAGGC CGAA AGUGUCCA	16327
7650	ACACUCAU A AAGAACAU	1021	AUGUUCUU CUGAUGAG	GCCGUUAGGC CGAA AUGAGUGU	16328
7674	CCAGGACU A AAAAGAGG	1022	CCUCUUUU CUGAUGAG	GCCGUUAGGC CGAA AGUCCUGG	16329
7703	ACGCACCU U GGGAGAGG	1023	CCUCUCCC CUGAUGAG	GCCGUUAGGC CGAA AGGUGCGU	16330
7713	GGAGAGGU U UGGAAAGA	1024	UCUUUCCA CUGAUGAG	GCCGUUAGGC CGAA ACCUCUCC	16331
7714	GAGAGGUU U GGAAAGAA	1025	UUCUUUCC CUGAUGAG	GCCGUUAGGC CGAA AACCUCUC	16332
7728	GAAAGACU C AACCAGAU	1026		GCCGUUAGGC CGAA AGUCUUUC	16334
7751	AGAAGAGU U CACUAGGU	1027	ACCUAGUG CUGAUGAG	GCCGUUAGGC CGAA ACUCUUCU	16335
7752	GAAGAGUU C ACUAGGUA	1028	UACCUAGU CUGAUGAG	GCCGUUAGGC CGAA AACUCUUC	16336
7756	AGUUCACU A GGUACCGC	1029	GCGGUACC CUGAUGAG	GCCGUUAGGC CGAA AGUGAACU	16337
7760	CACUAGGU A CCGCAAAG	1030	CUUUGCGG CUGAUGAG	GCCGUUAGGC CGAA ACCUAGUG	16338
7776	GAGGCCAU C AUCGAAGU	1031	ACUUCGAU CUGAUGAG	CCGUUAGGC CGAA AUGGCCUC	16339
7779	GCCAUCAU C GAAGUCGA	1032	UCGACUUC CUGAUGAG	CCGUUAGGC CGAA AUGAUGGC	16340
7785	AUCGAAGU C GAUCGCUC	1033	GAGCGAUC CUGAUGAG	CCGUUAGGC CGAA ACUUCGAU	16341
7789	AAGUCGAU C GCUCAGCG	1034	CGCUGAGC CUGAUGAG	CCGUUAGGC CGAA AUCGACUU	16342
7793	CGAUCGCU C AGCGGCAA	1035	UUGCCGCU CUGAUGAG	CCGUUAGGC CGAA AGCGAUCG	16343
7827	GGCAAUGU C ACUGGAGG	1036	CCUCCAGU CUGAUGAG	CCGUUAGGC CGAA ACAUUGCC	16344
7840 7845	GAGGGCAU C CAGUCUCU	1037	AGAGACUG CUGAUGAG	CCGUUAGGC CGAA AUGCCCUC	16345
7847	CAUCCAGU C UCUAGGGG	1038	CCCCUAGA CUGAUGAG	CCGUUAGGC CGAA ACUGGAUG	16346
7849	UCCAGUCU C UAGGGGCA	1039	UGCCCCUA CUGAUGAG	CCGUUAGGC CGAA AGACUGGA	16347
7878	CAGUCUCU A GGGGCACA	1040	UGUGCCCC CUGAUGAG G	CCGUUAGGC CGAA AGAGACUG	16348
7889	UGGCUGGU C GAACGGAG	1041	CUCCGUUC CUGAUGAG G	CCGUUAGGC CGAA ACCAGCCA	16349
7890	ACGGAGGU U UCUCGAAC	1042	GUUCGAGA CUGAUGAG G	CCGUUAGGC CGAA ACCUCCGU	16350
7891	CGGAGGUU U CUCGAACC GGAGGUUU C UCGAACCG	1043	GGUUCGAG CUGAUGAG G	CCGUUAGGC CGAA AACCUCCG	16351
7893	AGGUUUCU C GAACCGGU	1044	CGGUUCGA CUGAUGAG G	CCGUUAGGC CGAA AAACCUCC	16352
7902	GAACCGGU C GGAAAAGU	1045	ACCGGUUC CUGAUGAG G	CCGUUAGGC CGAA AGAAACCU	16353
7914	AAAGUGAU U GACCUUGG	1046	ACUUUUCC CUGAUGAG G	CCGUUAGGC CGAA ACCGGUUC	16354
7920	AUUGACCU U GGAUGUGG	1047	CCAAGGUC CUGAUGAG G	CCGUUAGGC CGAA AUCACUUU	16355
7939	GAGGCGGU U GGUGUUAC	1048	CCACAUCC CUGAUGAG G	CCGUUAGGC CGAA AGGUCAAU	16356
7945	GUUGGUGU U ACUAUAUG	1049	GUAACACC CUGAUGAG G	CCGUUAGGC CGAA ACCGCCUC	16357
7946	UUGGUGUU A CUAUAUGG	1050	CAUAUAGU CUGAUGAG G	CCGUUAGGC CGAA ACACCAAC	16358
7949	GUGUUACU A UAUGGCAA	1051	CCAUAUAG CUGAUGAG GO	CCGUUAGGC CGAA AACACCAA	16359
7951	GUUACUAU A UGGCAACC	1053	OUGCCAUA CUGAUGAG GO	CCGUUAGGC CGAA AGUAACAC	16360
7971	AAAAGAGU C CAAGAAGU	1054	ACTIVITIES CUGAUGAG GO	CCGUUAGGC CGAA AUAGUAAC	16361
7980	CAAGAAGU C AGAGGGUA	1055	HAGOUGH CHGAUGAG GO	CCGUUAGGC CGAA ACUCUUUU	16362
7988	CAGAGGGU A CACAAAGG	1056	OGUNTATION CONTRACTOR OF CONTR	CCGUUAGGC CGAA ACUUCUUG	16363
8002	AGGGCGGU C CCGGACAU	1057	AUGUICOGO CUGAUGAG GO	CCGUUAGGC CGAA ACCCUCUG	16364
8025	CCCCAACU A GUGCAAAG	1058	ADGUCCGG CUGAUGAG GC	CCGUUAGGC CGAA ACCGCCCU	16365
8035	UGCAAAGU U AUGGAUGG	1059	CCALCCALL CUCAUGAG GC	CCGUUAGGC CGAA AGUUGGGG	16366
8036	GCAAAGUU A UGGAUGGA	1050	TICCALICON CUGAUGAG GC	CCGUUAGGC CGAA ACUUUGCA	16367
8049	UGGAACAU U GUCACCAU	1061	AUGGUGAG GUGAUGAG GC	CCGUUAGGC CGAA AACUUUGC	16368
8052	AACAUUGU C ACCAUGAA	1062	DUCAUGAL CUGAUGAG GC	CCGUUAGGC CGAA AUGUUCCA	16369
8078	GGAUGUGU U CUACAGAC	1063	GIICHGIAG CUGAUGAG GC	CGUUAGGC CGAA ACAAUGUU	16370
8079	GAUGUGUU C UACAGACC	1064	GGUCIGUA CUGAUGAG GC	CGUUAGGC CGAA ACACAUCC	16371
8081	UGUGUUCU A CAGACCUU	1065	AAGGIICIIG CUGAUGAG GC	CGUUAGGC CGAA AACACAUC	16372
8089	ACAGACCU U CUGAGUGU	1066	ACACUCAG CUGAUGAG GC	CGUUAGGC CGAA AGAACACA	16373
8090	CAGACCUU C UGAGUGUU	1067	AACACUCA CUGAUGAG GC	CGUUAGGC CGAA AGGUCUGU CGUUAGGC CGAA AAGGUCUG	16374
				COUNDOC COAA AAGGUCUG	16375

Table III

			i able III	
8098	CUGAGUGU U GUGACACC	1068	GGUGUCAC CUGAUGAG GCCGUUAGGC CGAA ACACUCAG	16376
8109	GACACCCU C CUUUGUGA	1069	UCACAAAG CUGAUGAG GCCGUUAGGC CGAA AGGGUGUC	16377
8112	ACCCUCCU U UGUGACAU	1070	AUGUCACA CUGAUGAG GCCGUUAGGC CGAA AGGAGGGU	16378
8113	CCCUCCUU U GUGACAUC	1071	GAUGUCAC CUGAUGAG GCCGUUAGGC CGAA AAGGAGGG	16379
8121	UGUGACAU C GGAGAGUC	1072	GACUCUCC CUGAUGAG GCCGUUAGGC CGAA AUGUCACA	16380
8129	CGGAGAGU C CUCGUCAA	1073	UUGACGAG CUGAUGAG GCCGUUAGGC CGAA ACUCUCCG	16381
8132	AGAGUCCU C GUCAAGUG	1074	CACUUGAC CUGAUGAG GCCGUUAGGC CGAA AGGACUCU	16382
8135	GUCCUCGU C AAGUGCUG	1075	CAGCACUU CUGAUGAG GCCGUUAGGC CGAA ACGAGGAC	16383
8148	GCUGAGGU U GAAGAGCA	1076	UGCUCUUC CUGAUGAG GCCGUUAGGC CGAA ACCUCAGC	16384
8158	AAGAGCAU A GGACGAUU	1077	AAUCGUCC CUGAUGAG GCCGUUAGGC CGAA AUGCUCUU	16385
8166	AGGACGAU U CGGGUCCU	1078	AGGACCCG CUGAUGAG GCCGUUAGGC CGAA AUCGUCCU	16386
8167	GGACGAUU C GGGUCCUU	1079	AAGGACCC CUGAUGAG GCCGUUAGGC CGAA AAUCGUCC	16387
8172	AUUCGGGU C CUUGAAAU	1080	AUUUCAAG CUGAUGAG GCCGUUAGGC CGAA ACCCGAAU	16388
8175	CGGGUCCU U GAAAUGGU	1081	ACCAUUUC CUGAUGAG GCCGUUAGGC CGAA AGGACCCG	16389
8184	GAAAUGGU U GAGGACUG	1082	CAGUCCUC CUGAUGAG GCCGUUAGGC CGAA ACCAUUUC	16390
8216	AAGGGAAU U UUGCGUGA	1083	UCACGCAA CUGAUGAG GCCGUUAGGC CGAA AUUCCCUU	16391
8218	AGGGAAUU U UGCGUGAA GGGAAUUU U GCGUGAAG	1084	UUCACGCA CUGAUGAG GCCGUUAGGC CGAA AAUUCCCU	16392
8232	AAGGUGCU C UGCCCCUA	1085	CUUCACGC CUGAUGAG GCCGUUAGGC CGAA AAAUUCCC	16393
8240	CUGCCCCU A CAUGCCGA	1086	UAGGGGCA CUGAUGAG GCCGUUAGGC CGAA AGCACCUU	16394
8253	CCGAAAGU C AUAGAGAA	1088	UCGGCAUG CUGAUGAG GCCGUUAGGC CGAA AGGGGCAG	16395
8256	AAAGUCAU A GAGAAGAU	1089	UUCUCUAU CUGAUGAG GCCGUUAGGC CGAA ACUUUCGG AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA AUGACUUU	16396
8274	GAGCUGCU C CAACGCCG	1090	CGGCGUUG CUGAUGAG GCCGUUAGGC CGAA AGCAGCUC	16397
8285	ACGCCGGU A UGGGGGGG	1091	CCCCCCA CUGAUGAG GCCGUUAGGC CGAA ACCGGCGU	16398
8301	GGACUGGU C AGAAACCC	1092	GGGUUUCU CUGAUGAG GCCGUUAGGC CGAA ACCAGUCC	16399
8313	AACCCACU C UCACGGAA	1093	UUCCGUGA CUGAUGAG GCCGUUAGGC CGAA AGUGGGUU	16400
8315	CCCACUCU C ACGGAAUU	1094	AAUUCCGU CUGAUGAG GCCGUUAGGC CGAA AGAGUGGG	16402
8323	CACGGAAU U CCACGCAC	1095	GUGCGUGG CUGAUGAG GCCGUUAGGC CGAA AUUCCGUG	16403
8324	ACGGAAUU C CACGCACG	1096	CGUGCGUG CUGAUGAG GCCGUUAGGC CGAA AAUUCCGU	16404
8339	CGAGAUGU A UUGGGUGA	1097	UCACCCAA CUGAUGAG GCCGUUAGGC CGAA ACAUCUCG	16405
8341	AGAUGUAU U GGGUGAGU	1098	ACUCACCC CUGAUGAG GCCGUUAGGC CGAA AUACAUCU	16406
8350	GGGUGAGU C GAGCUUCA	1099	UGAAGCUC CUGAUGAG GCCGUUAGGC CGAA ACUCACCC	16407
8356	GUCGAGCU U CAGGCAAU	1100	AUUGCCUG CUGAUGAG GCCGUUAGGC CGAA AGCUCGAC	16408
8357	UCGAGCUU C AGGCAAUG	1101	CAUUGCCU CUGAUGAG GCCGUUAGGC CGAA AAGCUCGA	16409
8370	AAUGUGGU A CAUUCAGU	1102	ACUGAAUG CUGAUGAG GCCGUUAGGC CGAA ACCACAUU	16410
8374	UGGUACAU U CAGUGAAU	1103	AUUCACUG CUGAUGAG GCCGUUAGGC CGAA AUGUACCA	16411
8375 8383	GGUACAUU C AGUGAAUA	1104	UAUUCACU CUGAUGAG GCCGUUAGGC CGAA AAUGUACC	16412
8400	CAGUGAAU A UGACCAGC CAGGUGCU C CUAGGAAG	1105	GCUGGUCA CUGAUGAG GCCGUUAGGC CGAA AUUCACUG	16413
8403	GUGCUCCU A GGAAGAAU	1106	CUUCCUAG CUGAUGAG GCCGUUAGGC CGAA AGCACCUG	16414
8441	ACCCCAAU A CGAGGAAG	1107	AUUCUUCC CUGAUGAG GCCGUUAGGC CGAA AGGAGCAC	16415
8454	GAAGAUGU A AACUUGGG	1109	CUUCCUCG CUGAUGAG GCCGUUAGGC CGAA AUUGGGGU CCCAAGUU CUGAUGAG GCCGUUAGGC CGAA ACAUCUUC	16416
8459	UGUAAACU U GGGAAGUG	1110	CACUUCCC CUGAUGAG GCCGUUAGGC CGAA ACAUCUUC	16417
8496	CCCCUGCU C AACUCAGA	1111	UCUGAGUU CUGAUGAG GCCGUUAGGC CGAA AGCAGGGG	16418
8501	GCUCAACU C AGACACCA	1112	UGGUGUCU CUGAUGAG GCCGUUAGGC CGAA AGUUGAGC	16419
8512	ACACCAGU A AAAUCAAG	1113	CUUGAUUU CUGAUGAG GCCGUUAGGC CGAA ACUGGUGU	16420
8517	AGUAAAAU C AAGAACAG	1114	CUGUUCUU CUGAUGAG GCCGUUAGGC CGAA AUUUUACU	16421
8529·	AACAGGAU U GAACGACU	1115	AGUCGUUC CUGAUGAG GCCGUUAGGC CGAA AUCCUGUU	16423
8538	GAACGACU C AGGCGUGA	1116	UCACGCCU CUGAUGAG GCCGUUAGGC CGAA AGUCGUUC	16424
8549	GCGUGAGU A CAGUUCGA	1117	UCGAACUG CUGAUGAG GCCGUUAGGC CGAA ACUCACGC	16425
8554	AGUACAGU U CGACGUGG	1118	CCACGUCG CUGAUGAG GCCGUUAGGC CGAA ACUGUACU	16426
8555	GUACAGUU C GACGUGGC	1119	GCCACGUC CUGAUGAG GCCGUUAGGC CGAA AACUGUAC	16427
8585	CCACCCAU A UAGAACCU	1120	AGGUUCUA CUGAUGAG GCCGUUAGGC CGAA AUGGGUGG	16428
8587	ACCCAUAU A GAACCUGG	1121	CCAGGUUC CUGAUGAG GCCGUUAGGC CGAA AUAUGGGU	16429
8600	CUGGAACU A UCACGGCA	1122	UGCCGUGA CUGAUGAG GCCGUUAGGC CGAA AGUUCCAG	16430
8602	GGAACUAU C ACGGCAGU	1123	ACUGCCGU CUGAUGAG GCCGUUAGGC CGAA AUAGUUCC	16431
8611	ACGGCAGU U AUGAUGUG	1124	CACAUCAU CUGAUGAG GCCGUUAGGC CGAA ACUGCCGU	16432
8612	CAGAGGUU A UGAUGUGA	1125	UCACAUCA CUGAUGAG GCCGUUAGGC CGAA AACUGCCG	16433
8641	CACAGGCU C CGCCAGUU CCGCCAGU U CGCUGGUC	1126	AACUGGCG CUGAUGAG GCCGUUAGGC CGAA AGCCUGUG	16434
8642	CGCCAGUU C GCUGGUCA	1127	GACCAGCG CUGAUGAG GCCGUUAGGC CGAA ACUGGCGG	16435
B649	UCGCUGGU C AAUGGAGU	1128	UGACCAGC CUGAUGAG GCCGUUAGGC CGAA AACUGGCG	16436
8661	GGAGUGGU C AGGCUCCU	1130	ACUCCAUU CUGAUGAG GCCGUUAGGC CGAA ACCAGCGA	16437
			AGGAGCCU CUGAUGAG GCCGUUAGGC CGAA ACCACUCC	16438

0663	T Guarage a guarage			
8667		1131	UUUGAGAG CUGAUGAG GCCGUUAGGC CGAA AGCCUGAC	16439
8670		1132	GGUUUUGA CUGAUGAG GCCGUUAGGC CGAA AGGAGCCU	16440
8672	GCUCCUCU C AAAACCAU	1133	AUGGUUUU CUGAUGAG GCCGUUAGGC CGAA AGAGGAGC	16441
8691	GACACCAU C ACGAAUGU	1134	ACAUUCGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUC	
8700	ACGAAUGU U ACCACCAU	1135		16442
8701	CGAAUGUU A CCACCAUG	1136		16443
8725	CUGACACU A CUCCCUUC		CAUGGUGG CUGAUGAG GCCGUUAGGC CGAA AACAUUCG	16444
8728		1137	GAAGGGAG CUGAUGAG GCCGUUAGGC CGAA AGUGUCAG	16445
	ACACUACU C CCUUCGGG	1138	CCCGAAGG CUGAUGAG GCCGUUAGGC CGAA AGUAGUGU	16446
8732	UACUCCCU U CGGGCAGC	1139	GCUGCCCG CUGAUGAG GCCGUUAGGC CGAA AGGGAGUA	16447
8733	ACUCCCUU C GGGCAGCA	1140	UGCUGCCC CUGAUGAG GCCGUUAGGC CGAA AAGGGAGU	16448
8750	GCGAGUGU U CAAAGAGA	1141	UCUCUUUG CUGAUGAG GCCGUUAGGC CGAA ACACUCGC	
8751	CGAGUGUU C AAAGAGAA	1142	UUCUCUUU CUGAUGAG GCCGUUAGGC CGAA AACACUCG	16449
8776	CGAAAGCU C CUGAACCG	1143	CCCUTICAC CUCALICAC CCCCUTTA CCC	16450
8801	AGUGAAGU A CGUGCUCA		CGGUUCAG CUGAUGAG GCCGUUAGGC CGAA AGCUUUCG	16451
8808	UACGUGCU C AAUGAGAC	1144	UGAGCACG CUGAUGAG GCCGUUAGGC CGAA ACUUCACU	16452
		1145	GUCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGCACGUA	16453
8828	CAACUGGU U GUGGGCGU	1146	ACGCCCAC CUGAUGAG GCCGUUAGGC CGAA ACCAGUUG	16454
8837	GUGGGCGU U UUUGGCCA	1147	UGGCCAAA CUGAUGAG GCCGUUAGGC CGAA ACGCCCAC	16455
8838	UGGGCGUU U UUGGCCAG	1148	CUGGCCAA CUGAUGAG GCCGUUAGGC CGAA AACGCCCA	
8839	GGGCGUUU U UGGCCAGA	1149		16456
8840	GGCGUUUU U GGCCAGAG	1150		16457
8857	AAAAACGU C CCAGAAUG	1151		16458
8870	AAUGUGCU C UCGAGAGG	+	CAUUCUGG CUGAUGAG GCCGUUAGGC CGAA ACGUUUUU	16459
8872		1152	CCUCUCGA CUGAUGAG GCCGUUAGGC CGAA AGCACAUU	16460
	UGUGCUCU C GAGAGGAA	1153	UUCCUCUC CUGAUGAG GCCGUUAGGC CGAA AGAGCACA	16461
8882	AGAGGAAU U CAUAAGAA	1154	UUCUUAUG CUGAUGAG GCCGUUAGGC CGAA AUUCCUCU	16462
8883	GAGGAAUU C AUAAGAAA	1155	UUUCUUAU CUGAUGAG GCCGUUAGGC CGAA AAUUCCUC	
8886	GAAUUCAU A AGAAAGGU	1156	ACCUUUCU CUGAUGAG GCCGUUAGGC CGAA AUGAAUUC	16463
8895	AGAAAGGU C AACAGCAA	1157	INVOCATION OF THE PROPERTY OF	16464
8911	AUGCAGCU U UGGGUGCC	1158		16465
8912	UGCAGCUU U GGGUGCCA		GGCACCCA CUGAUGAG GCCGUUAGGC CGAA AGCUGCAU	16466
8924		1159	UGGCACCC CUGAUGAG GCCGUUAGGC CGAA AAGCUGCA	16467
	UGCCAUGU U UGAAGAGC	1160	GCUCUUCA CUGAUGAG GCCGUUAGGC CGAA ACAUGGCA	16468
8925	GCCAUGUU U GAAGAGCA	1161	UGCUCUUC CUGAUGAG GCCGUUAGGC CGAA AACAUGGC	16469
8938	AGCAGAAU C AAUGGAGG	1162	CCUCCAUU CUGAUGAG GCCGUUAGGC CGAA AUUCUGCU	16470
8964	GAAGCAGU U GAAGAUCC	1163	GGAUCUUC CUGAUGAG GCCGUUAGGC CGAA ACUGCUUC	
8971	UUGAAGAU C CAAAAUUU	1164		16471
8978	UCCAAAAU U UUGGGAGA	1165		16472
8979	CCAAAAUU U UGGGAGAU	1166	317777000	16473
8980	CAAAAUUU U GGGAGAUG		AUCUCCCA CUGAUGAG GCCGUUAGGC CGAA AAUUUUGG	16474
9013		1167	CAUCUCCC CUGAUGAG GCCGUUAGGC CGAA AAAUUUUG	16475
	AGGCACAU C UGCGGGGG	1168	CCCCCGCA CUGAUGAG GCCGUUAGGC CGAA AUGUGCCU	16476
9028	GGGAAUGU C ACACUUGC	1169	GCAAGUGU CUGAUGAG GCCGUUAGGC CGAA ACAUUCCC	16477
9034	GUCACACU U GCAUUUAC	1170	GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA AGUGUGAC	
9039	ACUUGCAU U UACAACAU	1171	1170101-011	16478
9040	CUUGCAUU U ACAACAUG	1172		16479
9041	UUGCAUUU A CAACAUGA	1173		16480
9080	CGGAGAGU U CGGAAAGG		UCAUGUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGCAA	16481
9081	GGAGAGUU C GGAAAGGC	1174	CCUUUCCG CUGAUGAG GCCGUUAGGC CGAA ACUCUCCG	16482
9108		1175	GCCUUUCC CUGAUGAG GCCGUUAGGC CGAA AACUCUCC	16483
	AGAGCCAU U UGGUUCAU	1176	AUGAACCA CUGAUGAG GCCGUUAGGC CGAA AUGGCUCU	16484
9109	GAGCCAUU U GGUUCAUG	1177	CAUGAACC CUGAUGAG GCCGUUAGGC CGAA AAUGGCUC	16485
9113	CAUUUGGU U CAUGUGGC	1178	GCCACAUG CUGAUGAG GCCGUUAGGC CGAA ACCAAAUG	
9114	AUUUGGUU C AUGUGGCU	1179	AGCCACAU CUGAUGAG GCCGUUAGGC CGAA AACCAAAU	16486
9123	AUGUGGCU C GGAGCUCG	1180	CGAGCUCC CUCANGAG GCCGODAGGC CGAA AACCAAAU	16487
9130	UCGGAGCU C GCUUUCUG	1181	CGAGCUCC CUGAUGAG GCCGUUAGGC CGAA AGCCACAU	16488
9134	AGCUCGCU U UCUGGAGU		CAGAAAGC CUGAUGAG GCCGUUAGGC CGAA AGCUCCGA	16489
9135		1182	ACUCCAGA CUGAUGAG GCCGUUAGGC CGAA AGCGAGCU	16490
	GCUCGCUU U CUGGAGUU	1183	AACUCCAG CUGAUGAG GCCGUUAGGC CGAA AAGCGAGC	16491
9136	CUCGCUUU C UGGAGUUC	1184	GAACUCCA CUGAUGAG GCCGUUAGGC CGAA AAAGCGAG	16492
9143	UCUGGAGU U CGAGGCUC	1185	GAGCCUCG CUGAUGAG GCCGUUAGGC CGAA ACUCCAGA	
9144	CUGGAGUU C GAGGCUCU	1186	AGAGCCUC CUGAUGAG GCCGUUAGGC CGAA AACUCCAG	16493
9151	UCGAGGCU C UGGGUUUU	1187	AAAACCCA CIGALICAG COCCUITACCC CGAA AACUCCAG	16494
9157	CUCUGGGU U UUCUCAAU	1188	AAAACCCA CUGAUGAG GCCGUUAGGC CGAA AGCCUCGA	16495
9158	UCUGGGUU U UCUCAAUG		AUUGAGAA CUGAUGAG GCCGUUAGGC CGAA ACCCAGAG	16496
9159	CUGGGUUU U CUCAAUGA	1189	CAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AACCCAGA	16497
9160		1190	UCAUUGAG CUGAUGAG GCCGUUAGGC CGAA AAACCCAG	16498
	UGGGUUUU C UCAAUGAA	1191	UUCAUUGA CUGAUGAG GCCGUUAGGC CGAA AAAACCCA	16499
9162	GGUUUUCU C AAUGAAGA	1192	UCUUCAUU CUGAUGAG GCCGUUAGGC CGAA AGAAAACC	16500
9180	CACUGGCU U GGAAGAAA	1193	UUUCUUCC CUGAUGAG GCCGUUAGGC CGAA AGCCAGUG	
			OCCOUNTION WHILE AND CONTRACTOR	16501

			140.0 111	
9194	AAAGAACU C AGGAGGAG	1194	CUCCUCCU CUGAUGAG GCCGUUAGGC CGAA AGUUCUUU	
9207	GGAGGUGU C GAGGGCUU	1195	A A COCCUTA CONTRACTOR OF THE	16502
9215	CGAGGGCU U GGGCCUCC	1196		16503
9222		1197	GGAGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCUCG	16504
9235			AGUUUUUG CUGAUGAG GCCGUUAGGC CGAA AGGCCCAA	16505
9236	1000000	1198	CAGGAUGU CUGAUGAG GCCGUUAGGC CGAA ACCCAGUU	16506
9240		1199	GCAGGAUG CUGAUGAG GCCGUUAGGC CGAA AACCCAGU	16507
		1200	UCACGCAG CUGAUGAG GCCGUUAGGC CGAA AUGUAACC	16508
9252		1201	CGGGUGCC CUGAUGAG GCCGUUAGGC CGAA ACUUCACG	16509
9276		1202	UCAGCAUA CUGAUGAG GCCGUUAGGC CGAA AUCUUGCC	16510
9278	CAAGAUCU A UGCUGAUG	1203	CAUCAGCA CUGAUGAG GCCGUUAGGC CGAA AGAUCUUG	
9312	ACCCGCAU C ACGAGAGC	1204	GCUCUCGU CUGAUGAG GCCGUUAGGC CGAA AUGCGGGU	16511
9326	AGCUGACU U GGAAAAUG	1205	CAUUUUCC CUGAUGAG GCCGUUAGGC CGAA AGUCAGCU	16512
9340	AUGAAGCU A AGGUGCUU	1206	Angreen minimum	16513
9348	AAGGUGCU U GAGCUGCU	1207	ACCO COTTO COTTO	16514
9357	GAGCUGCU U GAUGGGGA	1208		16515
9370	GGGAACAU C GGCGUCUU	1209		16516
9376	AUCGGCGU C UUGCCAGG	1210	AAGACGCC CUGAUGAG GCCGUUAGGC CGAA AUGUUCCC	16517
9378	CGGCGUCU U GCCAGGGC	1211	CCUGGCAA CUGAUGAG GCCGUUAGGC CGAA ACGCCGAU	16518
9390	AGGGCCAU C AUUGAGCU	1212	GCCCUGGC CUGAUGAG GCCGUUAGGC CGAA AGACGCCG	16519
9393	GCCAUCAU U GAGCUCAC		AGCUCAAU CUGAUGAG GCCGUUAGGC CGAA AUGGCCCU	16520
9399	AUUGAGCU C ACCUAUCG	1213	GUGAGCUC CUGAUGAG GCCGUUAGGC CGAA AUGAUGGC	16521
9404		1214	CGAUAGGU CUGAUGAG GCCGUUAGGC CGAA AGCUCAAU	16522
9406	GCUCACCU A UCGUCACA	1215	UGUGACGA CUGAUGAG GCCGUUAGGC CGAA AGGUGAGC	16523
	UCACCUAU C GUCACAAA	1216	UUUGUGAC CUGAUGAG GCCGUUAGGC CGAA AUAGGUGA	16524
9409	CCUAUCGU C ACAAAGUU	1217	AACUUUGU CUGAUGAG GCCGUUAGGC CGAA ACGAUAGG	16525
9417	CACAAAGU U GUGAAAGU	1218	ACUUUCAC CUGAUGAG GCCGUUAGGC CGAA ACUUUGUG	16526
9456	AGAACCGU C AUGGAUGU	1219	ACAUCCAU CUGAUGAG GCCGUUAGGC CGAA ACGGUUCU	16527
9465	AUGGAUGU U AUCUCCAG	1220	CUGGAGAU CUGAUGAG GCCGUUAGGC CGAA ACAUCCAU	16528
9466	UGGAUGUU A UCUCCAGA	1221	UCUGGAGA CUGAUGAG GCCGUUAGGC CGAA AACAUCCA	+
9468	GAUGUUAU C UCCAGAGA	1222	UCUCUGGA CUGAUGAG GCCGUUAGGC CGAA AUAACAUC	16529
9470	UGUUAUCU C CAGAGAAG	1223	CUUCUCUG CUGAUGAG GCCGUUAGGC CGAA AGAUAACA	16530
9481	GAGAAGAU C AGAGGGGG	1224	CCCCCUCU CUGAUGAG GCCGUUAGGC CGAA AUCUUCUC	16531
9501	GGACAAGU U GUCACCUA	1225	HAGGIGAC CUCAUGAG GCCGOUAGGC CGAA AUCUUCUC	16532
9504	CAAGUUGU C ACCUACGC	1226	UAGGUGAC CUGAUGAG GCCGUUAGGC CGAA ACUUGUCC	16533
9509	UGUCACCU A CGCCCUAA	1227	GCGUAGGU CUGAUGAG GCCGUUAGGC CGAA ACAACUUG	16534
9516	UACGCCCU A AACACUUU	1228	UUAGGGCG CUGAUGAG GCCGUUAGGC CGAA AGGUGACA	16535
9523	UAAACACU U UCACCAAC	1229	AAAGUGUU CUGAUGAG GCCGUUAGGC CGAA AGGGCGUA	16536
9524	AAACACUU U CACCAACC	+	GUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGUGUUUA	16537
9525	AACACUUU C ACCAACCU	1230	GGUUGGUG CUGAUGAG GCCGUUAGGC CGAA AAGUGUUU	16538
9540		1231	AGGUUGGU CUGAUGAG GCCGUUAGGC CGAA AAAGUGUU	16539
9576	CUGGCCGU C CAGCUGGU	1232	ACCAGCUG CUGAUGAG GCCGUUAGGC CGAA ACGGCCAG	16540
9600	GGAGUGAU U GGCCCAGA	1233	UCUGGGCC CUGAUGAG GCCGUUAGGC CGAA AUCACUCC	16541
	GAGAAACU C ACAAAAGG	1234	CCUUUUGU CUGAUGAG GCCGUUAGGC CGAA AGUUUCUC	16542
9624	CCCAAAGU C AGGACCUG	1235	CAGGUCCU CUGAUGAG GCCGUUAGGC CGAA ACUUUGGG	16543
9638	CUGGCUGU U UGAGAAUG	1236	CAUUCUCA CUGAUGAG GCCGUUAGGC CGAA ACAGCCAG	16544
9639	UGGCUGUU U GAGAAUGG	1237	CCAUUCUC CUGAUGAG GCCGUUAGGC CGAA AACAGCCA	16545
9660	GAAAGACU C AGCCGCAU	1238	AUGCGGCU CUGAUGAG GCCGUUAGGC CGAA AGUCUUUC	16546
9675	AUGGCUGU C AGUGGAGA	1239	UCUCCACU CUGAUGAG GCCGUUAGGC CGAA ACAGCCAU	16547
9696	UGUGUGGU A AAGCCCCU	1240	AGGGGCUU CUGAUGAG GCCGUUAGGC CGAA ACCACACA	
9712	UGGACGAU C GCUUUGCC	1241	GGCAAAGC CUGAUGAG GCCGUUAGGC CGAA AUCGUCCA	16548
9716	CGAUCGCU U UGCCACCU	1242	AGGUGGCA CUGAUGAG GCCGUUAGGC CGAA AGCGAUCG	16549
9717	GAUCGCUU U GCCACCUC	1243	GAGGUGGC CUGAUGAG GCCGUUAGGC CGAA AAGCGAUC	16550
9725	UGCCACCU C GCUCCACU	1244	AGUIGAGO CUCAUGAG GOOGHIAGGO CGAA AAGCGAUC	16551
9729	ACCUCGCU C CACUUCCU	1245	AGUGGAGC CUGAUGAG GCCGUUAGGC CGAA AGGUGGCA	16552
9734	GCUCCACU U CCUCAAUG	1246	AGGAAGUG CUGAUGAG GCCGUUAGGC CGAA AGCGAGGU	16553
9735	CUCCACUU C CUCAAUGC	1247	CANUGAGG CUGAUGAG GCCGUUAGGC CGAA AGUGGAGC	16554
9738	CACUUCCU C AAUGCUAU	1247	GCAUUGAG CUGAUGAG GCCGUUAGGC CGAA AAGUGGAG	16555
9745	UCAAUGCU A UGUCAAAG		AUAGCAUU CUGAUGAG GCCGUUAGGC CGAA AGGAAGUG	16556
9749	UGCUAUGU C AAAGGUUC	1249	CUUUGACA CUGAUGAG GCCGUUAGGC CGAA AGCAUUGA	16557
9756	UCAAAGGU U CGCAAAGA	1250	GAACCUUU CUGAUGAG GCCGUUAGGC CGAA ACAUAGCA	16558
9757	CAAAGGUU C GCAAAGAC	1251	UCUUUGCG CUGAUGAG GCCGUUAGGC CGAA ACCUUUGA	16559
9768		1252	GUCUUUGC CUGAUGAG GCCGUUAGGC CGAA AACCUUUG	16560
	AAAGACAU C CAAGAGUG	1253	CACUCUUG CUGAUGAG GCCGUUAGGC CGAA AUGUCUUU	16561
9785	GAAACCGU C AACUGGAU	1254	AUCCAGUU CUGAUGAG GCCGUUAGGC CGAA ACGGUUUC	16562
9797	UGGAUGGU A UGAUUGGC	1255	GCCAAUCA CUGAUGAG GCCGUUAGGC CGAA ACCAUCCA	16563
9802	GGUAUGAU U GGCAGCAG	1256	CUGCUGCC CUGAUGAG GCCGUUAGGC CGAA AUCAUACC	16564

Table III

			reose m	
9813	CAGCAGGU U CCAUUUUG	1257	CAAAAUGG CUGAUGAG GCCGUUAGGC CGAA ACCUGCUG	16565
9814	AGCAGGUU C CAUTUTUGC	1258	GCAAAAUG CUGAUGAG GCCGUUAGGC CGAA AACCUGCU	
9818	GGUUCCAU U UUGCUCAA	1259	UUGAGCAA CUGAUGAG GCCGUUAGGC CGAA AUGGAACC	16566
9819	GUUCCAUU U UGCUCAAA	1260	UUUGAGCA CUGAUGAG GCCGUUAGGC CGAA AAUGGAAC	16567
9820	UUCCAUUU U GCUCAAAC	1261		16568
9824	AUUUUGCU C AAACCAUU	1262		16569
9832	CAAACCAU U UCACUGAA	1263		16570
9833	AAACCAUU U CACUGAAU		UUCAGUGA CUGALIGAG GCCGUUAGGC CGAA AUGGUUUG	16571
9834	AACCAUUU C ACUGAAUU	1264	AUUCAGUG CUGAUGAG GCCGUUAGGC CGAA AAUGGUUU	16572
9842	CACUGAAU U GAUCAUGA	1265	AAUUCAGU CUGAUGAG GCCGUUAGGC CGAA AAAUGGUU	16573
9846	GAAUUGAU C AUGAAAGA	1266	UCAUGAUC CUGAUGAG GCCGUUAGGC CGAA AUUCAGUG	16574
9873		1267	UCUUUCAU CUGAUGAG GCCGUUAGGC CGAA AUCAAUUC	16575
9874	COGGOGO U CCAUGCCG	1268	CGGCAUGG CUGAUGAG GCCGUUAGGC CGAA ACCACCAG	16576
9896	UGGUGGUU C CAUGCCGA	1269	UCGGCAUG CUGAUGAG GCCGUUAGGC CGAA AACCACCA	16577
	GGAUGAAU U GGUAGGCA	1270	UGCCUACC CUGAUGAG GCCGUUAGGC CGAA AUUCAUCC	16578
9900	GAAUUGGU A GGCAGAGC	1271	GCUCUGCC CUGAUGAG GCCGUUAGGC CGAA ACCAAUUC	16579
9910	GCAGAGCU C GCAUAUCU	1272	AGALIAUGC CUGAUGAG GCCGUUAGGC CGAA AGCUCUGC	16580
9915	GCUCGCAU A UCUCCAGG	1273	CCUGGAGA CUGAUGAG GCCGUUAGGC CGAA AUGCGAGC	16581
9917	UCGCAUAU C UCCAGGGG	1274	CCCCUGGA CUGAUGAG GCCGUUAGGC CGAA AUAUGCGA	16582
9919	GCAUAUCU C CAGGGGCC	1275	GGCCCCUG CUGAUGAG GCCGUUAGGC CGAA AGAUAUGC	16583
9939	UGGAACGU C CGCGACAC	1276	GUGUCGCG CUGAUGAG GCCGUUAGGC CGAA ACGUUCCA	16584
9952	ACACUGCU U GUCUGGCU	1277	AGCCAGAC CUGAUGAG GCCGUUAGGC CGAA AGCAGUGU	16585
9955	CUGCUUGU C UGGCUAAG	1278	CUUAGCCA CUGAUGAG GCCGUUAGGC CGAA ACAAGCAG	16586
9961	GUCUGGCU A AGUCUUAU	1279	AUAAGACU CUGAUGAG GCCGUUAGGC CGAA AGCCAGAC	16587
9965	GGCUAAGU C UUAUGCCC	1280	GGGCAUAA CUGAUGAG GCCGUUAGGC CGAA ACUUAGCC	16588
9967	CUAAGUCU U AUGCCCAG	1281	CUGGGCAU CUGAUGAG GCCGUUAGGC CGAA AGACUUAG	16589
9968	UAAGUCUU A UGCCCAGA	1282	UCUGGGCA CUGAUGAG GCCGUUAGGC CGAA AAGACUUA	16590
9987	UGGCUGCU U CUGUACUU	1283	AAGUACAG CUGAUGAG GCCGUUAGGC CGAA AGCAGCCA	16591
9988	GGCUGCUU C UGUACUUC	1284	GAAGUACA CUGAUGAG GCCGUUAGGC CGAA AAGCAGCC	16592
9992	GCUUCUGU A CUUCCACA	1285	UGUGGAAG CUGAUGAG GCCGUUAGGC CGAA ACAGAAGC	16593
9995	UCUGUACU U CCACAGAA	1286	UUCUGUGG CUGAUGAG GCCGUUAGGC CGAA AGUACAGA	
9996	CUGUACUU C CACAGAAG	1287	CUUCUGUG CUGAUGAG GCCGUUAGGC CGAA AAGUACAG	16594
10017	CUGCGGCU C AUGGCCAA	1288	UUGGCCAU CUGAUGAG GCCGUUAGGC CGAA AGCCGCAG	16595
10032	AACGCCAU U UGCUCCGC	1289	GCGGAGCA CUGAUGAG GCCGUUAGGC CGAA AUGGCGUU	16596
10033	ACGCCAUU U GCUCCGCU	1290	AGCGGAGC CUGAUGAG GCCGUUAGGC CGAA AAUGGCGU	16597
10037	CAUTUGCU C CGCUGUCC	1291		16598
10044	UCCGCUGU C CCUGUGAA	1292		16599
10054	CUGUGAAU U GGGUCCCU	1293		16600
10059	AAUUGGU C CCUACCGG	1294		16601
10063	GGGUCCCU A CCGGAAGA	1295		16602
10082	CACGUGGU C CAUCCAUG	1296		16603
10086	UGGUCCAU C CAUGCAGG	1297		16604
10124	GGACAUGU U GGAGGUCU	1298		16605
10131	UUGGAGGU C UGGAACCG	1299		16606
10143	AACCGUGU U UGGAUAGA	1300		16607
10144	ACCGUGUU U GGAUAGAG	1301		16608
10149	GUUUGGAU A GAGGAGAA	1302	UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA AACACGGU	16609
10203	AGUGACGU C CCAUAUUC	1303	GAAUAUGG CUGAUGAG GCCGJUAGGC CGAA ACGUCACU	16610
10208	CGUCCCAU A UUCAGGAA	1304	UUCCUGAA CUGAUGAG GCCGUTAGGC CGAA AUGGGACG	16611
10210	UCCCAUAU U CAGGAAAA	1305	UUUUCCUG CUGAUGAG GCCGUUIAGGC CGAA AUAUGGGA	16612
10211	CCCAUAUU C AGGAAAAC	1306	GUUUUCCU CUGAUGAG GCCGUUAGGC CGAA AAUAUGGG	16613
10230	GAGGACAU C UGGUGUGG	1307	CCACACCA CUGAUGAG GCCGUUAGGC CGAA AUGUCCUC	16614
10248	AGCCUGAU U GGCACAAG	1308	CUUGUGCC CUGAUGAG GCCGUUAGGC CGAA AUCAGGCU	16615
10284	GAAAACAU C CAGGUGGC	1309	GCCACCUG CUGAUGAG GCCGUUAGGC CGAA AUGUUUUC	16616
10294	AGGUGGCU A UCAACCAA	1310	INCHING CHARLES CONTRIBUTE COAL AUGUUUC	16617
10296	GUGGCUAU C AACCAAGU	1311	UUGGUUGA CUGADGAG GCCGUUAGGC CGAA AGCCACCU	16618
10305	AACCAAGU C AGAGCAAU	1312	ACUUGGUU CUGAUGAG GCCGUUAGGC CGAA AUAGCCAC	16619
10314	AGAGCAAU C AUCGGAGA	1312	AUUGCUCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGUU	16620
10317	GCAAUCAU C GGAGAUGA		UCUCCGAU CUGAUGAG GCCGUUAGGC CGAA AUUGCUCU	16621
10331	UGAGAGU A UGUGGAUU	1314	UCAUCUCC CUGAUGAG GCCGUUAGGC CGAA AUGAUUGC	16622
10339	AUGUGGAU U ACAUGAGU	1315	AAUCCACA CUGAUGAG GCCGUUAGGC CGAA ACUUCUCA	16623
10340	UGUGGAUU A CAUGAGUU	1316	ACUCAUGU CUGAUGAG GCCGUUAGGC CGAA AUCCACAU	16624
10348	ACAUGAGU U CACUAAAG	1317	AACUCAUG CUGAUGAG GCCGUUAGGC CGAA AAUCCACA	16625
10349	CAUGAGUU C ACUAAAGA	1318	CUULAGUG CUGAUGAG GCCGUUAGGC CGAA ACUCAUGU	16626
	- ACUMANUM	1319	UCUUUAGU CUGAUGAG GCCGUUAGGC CGAA AACUCAUG	16627

Table III

10353	AGUUCACU A AAGAGAUA	1320	UAUCUCUU CUGAUGAG GCCGUUAGGC CGAA AGUGAACU	16628
10361	AAAGAGAU A UGAAGACA	1321	UGUCUUCA CUGAUGAG GCCGUUAGGC CGAA AUCUCUUU	16629
10375	ACACAACU U UGGUUGAG	1322	CUCAACCA CUGAUGAG GCCGUUAGGC CGAA AGUUGUGU	
10376	CACAACUU U GGUUGAGG	1323		16630
10380	ACUUUGGU U GAGGACAC	1324		16631
10392				16632
	GACACAGU A CUGUAGAU	1325	AUCUACAG CUGAUGAG GCCGUUAGGC CGAA ACUGUGUC	16633
10397	AGUACUGU A GAUAUUUA	1326	UAAAUAUC CUGAUGAG GCCGUUAGGC CGAA ACAGUACU	16634
10401	CUGUAGAU A UUUAAUCA	1327	UGAUUAAA CUGAUGAG GCCGUUAGGC CGAA AUCUACAG	16635
10403	GUAGAUAU U UAAUCAAU	1328	AUUGAUUA CUGAUGAG GCCGUUAGGC CGAA AUAUCUAC	16636
10404	UAGAUAUU U AAUCAAUU	1329	AAUUGAUU CUGAUGAG GCCGUUAGGC CGAA AAUAUCUA	
10405	AGAUAUUU A AUCAAUUG	1330		16637
10408	UAUUUAAU C AAUUGUAA		CAAUUGAU CUGAUGAG GCCGUUAGGC CGAA AAAUAUCU	16638
}		1331	UUACAAUU CUGAUGAG GCCGUUAGGC CGAA AUUAAAUA	16639
10412	UAAUCAAU U GUAAAUAG	1332	CUAUUUAC CUGAUGAG GCCGUUAGGC CGAA AUUGAUUA	16640
10415	UCAAUUGU A AAUAGACA	1333	UGUCUAUU CUGAUGAG GCCGUUAGGC CGAA ACAAUUGA	16641
10419	UUGUAAAU A GACAAUAU	1334	AUAUUGUC CUGAUGAG GCCGUUAGGC CGAA AUUUACAA	16642
10426	UAGACAAU A UAAGUAUG	1335	CAUACUUA CUGAUGAG GCCGUUAGGC CGAA AUUGUCUA	+
10428	GACAAUAU A AGUAUGCA	1336		16643
10432	AUAUAAGU A UGCAUAAA		UGCAUACU CUGAUGAG GCCGUUAGGC CGAA AUAUUGUC	16644
		1337	UUUAUGCA CUGAUGAG GCCGUUAGGC CGAA ACUUAUAU	16645
10438	GUAUGCAU A AAAGUGUA	1338	UACACUUU CUGAUGAG GCCGUUAGGC CGAA AUGCAUAC	16646
10446	AAAAGUGU A GUUUUAUA	1339	UAUAAAAC CUGAUGAG GCCGUUAGGC CGAA ACACUUUU	16647
10449	AGUGUAGU U UUAUAGUA	1340	UACUAUAA CUGAUGAG GCCGUUAGGC CGAA ACUACACU	16648
10450	GUGUAGUU U UAUAGUAG	1341	CUACUAUA CUGAUGAG GCCGUUAGGC CGAA AACUACAC	16649
10451	UGUAGUUU U AUAGUAGU	1342	ACUACUAU CUGAUGAG GCCGUUAGGC CGAA AAACUACA	
10452	GUAGUUUU A UAGUAGUA	1343		16650
10454	AGUUUUAU A GUAGUAUU		UACUACUA CUGAUGAG GCCGUUAGGC CGAA AAAACUAC	16651
-		1344	AAUACUAC CUGAUGAG GCCGUUAGGC CGAA AUAAAACU	16652
10457	UUUAUAGU A GUAUUUAG	1345	CUAAAUAC CUGAUGAG GCCGUUAGGC CGAA ACUAUAAA	16653
10460	AUAGUAGU A UUUAGUGG	1346	CCACUAAA CUGAUGAG GCCGUUAGGC CGAA ACUACUAU	16654
10462	AGUAGUAU U UAGUGGUG	1347	CACCACUA CUGAUGAG GCCGUUAGGC CGAA AUACUACU	16655
10463	GUAGUAUU U AGUGGUGU	1348	ACACCACU CUGAUGAG GCCGUUAGGC CGAA AAUACUAC	16656
10464	UAGUAUUU A GUGGUGUU	1349	AACACCAC CUGAUGAG GCCGUUAGGC CGAA AAAUACUA	
10472	AGUGGUGU U AGUGUAAA	1350	UUUACACU CUGAUGAG GCCGUUAGGC CGAA ACACCACU	16657
10473	GUGGUGUU A GUGUAAAU	1351		16658
10478	GUUAGUGU A AAUAGUUA	1352	AUUUACAC CUGAUGAG GCCGUUAGGC CGAA AACACCAC	16659
10482			UAACUAUU CUGAUGAG GCCGUUAGGC CGAA ACACUAAC	16660
\rightarrow	GUGUAAAU A GUUAAGAA	1353	UUCUUAAC CUGAUGAG GCCGUUAGGC CGAA AUUUACAC	16661
10485	UAAAUAGU U AAGAAAAU	1354	AUUUUCUU CUGAUGAG GCCGUUAGGC CGAA ACUAUUUA	16662
10486	AAAUAGUU A AGAAAAUU	1355	AAUUUUCU CUGAUGAG GCCGUUAGGC CGAA AACUAUUU	16663
10494	AAGAAAAU U UUGAGGAG	1356	CUCCUCAA CUGAUGAG GCCGUUAGGC CGAA AUUUUCUU	16664
10495	AGAAAAUU U UGAGGAGA	1357	UCUCCUCA CUGAUGAG GCCGUUAGGC CGAA AAUUUUCU	16665
10496	GAAAAUUU U GAGGAGAA	1358	UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA AAAUUUUC	
10508	GAGAAAGU C AGGCCGGG	1359		16666
10521	CGGGAAGU U CCCGCCAC	1360		16667
10522	GGGAAGUU C CCGCCACC	1361	GUGGCGGG CUGAUGAG GCCGUUAGGC CGAA ACUUCCCG	16668
10537	CCGGAAGU U GAGUAGAC		GGUGGCGG CUGAUGAG GCCGUUAGGC CGAA AACUUCCC	16669
		1362	GUCUACUC CUGAUGAG GCCGUUAGGC CGAA ACUUCCGG	16670
10542	AGUUGAGU A GACGGUGC	1363	GCACCGUC CUGAUGAG GCCGUUAGGC CGAA ACUCAACU	16671
10562	CUGCGACU C AACCCCAG	1364	CUGGGGUU CUGAUGAG GCCGUUAGGC CGAA AGUCGCAG	16672
10602	GAAGUGAU C CAUGUAAG	1365	CUUACAUG CUGAUGAG GCCGUUAGGC CGAA AUCACUUC	16673
10608	AUCCAUGU A AGCCCUCA	1366	UGAGGGCU CUGAUGAG GCCGUUAGGC CGAA ACAUGGAU	
10615	UAAGCCCU C AGAACCGU	1367	ACGGUUCU CUGAUGAG GCCGUUAGGC CGAA AGGGCUUA	16674
10624	AGAACCGU C UCGGAAGG	1368	CCITICOCA CUCANORA GCCGODAGGC CGAA AGGGCUUA	16675
10626	AACCGUCU C GGAAGGAG	1369	CCUUCCGA CUGAUGAG GCCGUUAGGC CGAA ACGGUUCU	16676
10647	CCACAUGU U GUAACUUC		CUCCUUCC CUGAUGAG GCCGUUAGGC CGAA AGACGGUU	16677
		1370	GAAGUUAC CUGAUGAG GCCGUUAGGC CGAA ACAUGUGG	16678
10650	CAUGUUGU A ACUUCAAA	1371	UUUGAAGU CUGAUGAG GCCGUUAGGC CGAA ACAACAUG	16679
10654	UUGUAACU U CAAAGCCC	1372	GGGCUUUG CUGAUGAG GCCGUUAGGC CGAA AGUUACAA	16680
10655	UGUAACUU C AAAGCCCA	1373	UGGGCUUU CUGAUGAG GCCGUUAGGC CGAA AAGUUACA	16681
10668	CCCAAUGU C AGACCACG	1374	CGUGGUCU CUGAUGAG GCCGUUAGGC CGAA ACAUUGGG	
10679	ACCACGCU A CGGCGUGC	1375	GCACGCCG CUGAUGAG GCCGUUAGGC CGAA ACAUUGGU	16682
10689	GGCGUGCU A CUCUGCGG	1376	CCCCAGAG CUCAUGAG CCCCCCAGA AGCCGCGC	16683
10692	GUGCUACU C UGCGGAGA	1377	CCGCAGAG CUGAUGAG GCCGUUAGGC CGAA AGCACGCC	16684
10708	AGUGCAGU C UGCGAUAG		UCUCCGCA CUGAUGAG GCCGUUAGGC CGAA AGUAGCAC	16685
10715		1378	CUAUCGCA CUGAUGAG GCCGUUAGGC CGAA ACUGCACU	16686
	UCUGCGAU A GUGCCCCA	1379	UGGGGCAC CUGAUGAG GCCGUUAGGC CGAA AUCGCAGA	16687
10736	GACUGGGU U AACAAAGG	1380	CCUUUGUU CUGAUGAG GCCGUUAGGC CGAA ACCCAGUC	16688
10737	ACUGGGUU A ACAAAGGC	1381	GCCUUUGU CUGAUGAG GCCGUUAGGC CGAA AACCCAGU	16689
10769	GCGGCCCU A GCCCCGGU	1382	ACCGGGGC CUGAUGAG GCCGUUAGGC CGAA AGGGCCGC	16690
			02	10000

WO 02/068637 PCT/US01/48350 Table III

10778	GCCCCGGU A AUGGUGUU	1383	AACACCAU CUGAUGAG GCCGUUAGGC CGAA ACCGGGGC	16691
10786	AAUGGUGU U AACCAGGG	1384	CCCUGGUU CUGAUGAG GCCGUUAGGC CGAA ACACCAUU	16692
10787	AUGGUGUU A ACCAGGGC	1385	GCCCUGGU CUGAUGAG GCCGUUAGGC CGAA AACACCAU	16693
10805	AAAGGACU A GAGGUUAG	1386	CUAACCUC CUGAUGAG GCCGUUAGGC CGAA AGUCCUUU	16694
10811	CUAGAGGU U AGAGGAGA	1387	UCUCCUCU CUGAUGAG GCCGUUAGGC CGAA ACCUCUAG	16695
10812	UAGAGGUU A GAGGAGAC	1388	GUCUCCUC CUGAUGAG GCCGUUAGGC CGAA AACCUCUA	16696
10829	CCCGCGGU U UAAAGUGC	1389	GCACUUUA CUGAUGAG GCCGUUAGGC CGAA ACCGCGGG	16697
10830	CCGCGGUU U AAAGUGCA	1390	UGCACUUU CUGAUGAG GCCGUUAGGC CGAA AACCGCGG	16698
10831	CGCGGUUU A AAGUGCAC	1391	GUGCACUU CUGAUGAG GCCGUUAGGC CGAA AAACCGCG	16699
10862	GAAGCUGU A GGUCAGGG	1392	CCCUGACC CUGAUGAG GCCGUUAGGC CGAA ACAGCUUC	16700
10866	CUGUAGGU C AGGGGAAG	1393	CUUCCCCU CUGAUGAG GCCGUUAGGC CGAA ACCUACAG	16701
10879	GAAGGACU A GAGGUUAG	1394	CUAACCUC CUGAUGAG GCCGUUAGGC CGAA AGUCCUUC	16702
10885	CUAGAGGU U AGUGGAGA	1395	UCUCCACU CUGAUGAG GCCGUUAGGC CGAA ACCUCUAG	16703
10886	UAGAGGUU A GUGGAGAC	1396	GUCUCCAC CUGAUGAG GCCGUUAGGC CGAA AACCUCUA	16704
10928	AACAGCAU A UUGACACC	1397	GGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUGUU	16705
10930	CAGCAUAU U GACACCUG	1398	CAGGUGUC CUGAUGAG GCCGUUAGGC CGAA AUAUGCUG	16706
10943	CCUGGGAU A GACUAGGA	1399	UCCUAGUC CUGAUGAG GCCGUUAGGC CGAA AUCCCAGG	16707
10948	GAUAGACU A GGAGAUCU	1400	AGAUCUCC CUGAUGAG GCCGUUAGGC CGAA AGUCUAUC	16708
10955	UAGGAGAU C UUCUGCUC	1401	GAGCAGAA CUGAUGAG GCCGUUAGGC CGAA AUCUCCUA	16709
10957	GGAGAUCU U CUGCUCUG	1402	CAGAGCAG CUGAUGAG GCCGUUAGGC CGAA AGAUCUCC	16710
10958	GAGAUCUU C UGCUCUGC	1403	GCAGAGCA CUGAUGAG GCCGUUAGGC CGAA AAGAUCUC	16711
10963	CUUCUGCU C UGCACAAC	1404	GUUGUGCA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAG	16712

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Table IV

Table IV: WNV Inozyme and Target Sequence

Pos	Substrate	Seq ID	Ribozyme	Rz Seq
<u></u>		 		ID
11	UAGUUCGC C UGUGUGAG	1405	CUCACACA CUGAUGAG GCCGUUAGGC CGAA ICGAACUA	16713
21	AGUUCGCC U GUGUGAGC GUGUGAGC U GACAAACU	1406	GCUCACAC CUGAUGAG GCCGUUAGGC CGAA IGCGAACU	16714
25	GAGCUGAC A AACUUAGU	1407	AGUUUGUC CUGAUGAG GCCGUUAGGC CGAA ICUCACAC	16715
29	UGACAAAC U UAGUAGUG	1408	ACUAAGUU CUGAUGAG GCCGUUAGGC CGAA IUCAGCUC	16716
53	GGAUUAAC A ACAAUUAA	1410	CACUACUA CUGAUGAG GCCGUUAGGC CGAA IUUUGUCA	16717
56	UUAACAAC A AUUAACAC	1411	UUAAUUGU CUGAUGAG GCCGUUAGGC CGAA IUUAAUCC GUGUUAAU CUGAUGAG GCCGUUAGGC CGAA IUUGUUAA	16718
63	CAAUUAAC A CAGUGCGA	1412	UCGCACUG CUGAUGAG GCCGUUAGGC CGAA IUUAAUUG	16719
65	AUUAACAC A GUGCGAGC	1413	GCUCGCAC CUGAUGAG GCCGUUAGGC CGAA IUGUUAAU	16720
74	GUGCGAGC U GUUUCUUA	1414	UAAGAAAC CUGAUGAG GCCGUUAGGC CGAA ICUCGCAC	16721
80	GCUGUUUC U UAGCACGA	1415	UCGUGCUA CUGAUGAG GCCGUUAGGC CGAA ICOCGCAC	16722
85	UUCUUAGC A CGAAGAUC	1416	GAUCUUCG CUGAUGAG GCCGUUAGGC CGAA ICUAAGAA	16723
94	CGAAGAUC U CGAUGUCU	1417	AGACAUCG CUGAUGAG GCCGUUAGGC CGAA IAUCUUCG	16725
102	UCGAUGUC U AAGAAACC	1418	GGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACAUCGA	16726
110	UAAGAAAC C AGGAGGGC	1419	GCCCUCCU CUGAUGAG GCCGUUAGGC CGAA IUUUCUUA	16727
111	AAGAAACC A GGAGGGCC	1420	GGCCCUCC CUGAUGAG GCCGUUAGGC CGAA IGUUUCUU	16728
119	AGGAGGGC C CGGCAAGA	1421	UCUUGCCG CUGAUGAG GCCGUUAGGC CGAA ICCCUCCU	16729
120	GGAGGGCC C GGCAAGAG	1422	CUCUUGCC CUGAUGAG GCCGUUAGGC CGAA IGCCCUCC	16730
124	GGCCCGGC A AGAGCCGG	1423	CCGGCUCU CUGAUGAG GCCGUUAGGC CGAA ICCGGGCC	16731
130	GCAAGAGC C GGGCUGUC	1424	GACAGCCC CUGAUGAG GCCGUUAGGC CGAA ICUCUUGC	16732
135	AGCCGGGC U GUCAAUAU	1425	AUAUUGAC CUGAUGAG GCCGUUAGGC CGAA ICCCGGCU	16733
139	GGGCUGUC A AUAUGCUA	1426	UAGCAUAU CUGAUGAG GCCGUUAGGC CGAA IACAGCCC	16734
146	CAAUAUGC U AAAACGCG	1427	CGCGUUUU CUGAUGAG GCCGUUAGGC CGAA ICAUAUUG	16735
161	CGGAAUGC C CCGCGUGU	1428	ACACGCGG CUGAUGAG GCCGUUAGGC CGAA ICAUUCCG	16736
162	GGAAUGCC C CGCGUGUU	1429	AACACGCG CUGAUGAG GCCGUUAGGC CGAA IGCAUUCC	16737
163	GAAUGCCC C GCGUGUUG	1430	CAACACGC CUGAUGAG GCCGUUAGGC CGAA IGGCAUUC	16738
174	GUGUUGUC C UUGAUUGG	1431	CCAAUCAA CUGAUGAG GCCGUUAGGC CGAA IACAACAC	16739
175	UGUUGUCC U UGAUUGGA	1432	UCCAAUCA CUGAUGAG GCCGUUAGGC CGAA IGACAACA	16740
185	GAUUGGAC U GAAGAGGG	1433	CCCUCUUC CUGAUGAG GCCGUUAGGC CGAA IUCCAAUC	16741
195 205	AAGAGGGC U AUGUUGAG	1434	CUCAACAU CUGAUGAG GCCGUUAGGC CGAA ICCCUCUU	16742
206	UGUUGAGC C UGAUCGAC GUUGAGCC U GAUCGACG	1435	GUCGAUCA CUGAUGAG GCCGUUAGGC CGAA ICUCAACA	16743
217	UCGACGGC A AGGGGCCA	1436	CGUCGAUC CUGAUGAG GCCGUUAGGC CGAA IGCUCAAC	16744
224	CAAGGGGC C AAUACGAU	1437	UGGCCCCU CUGAUGAG GCCGUUAGGC CGAA ICCGUCGA	16745
225	AAGGGGCC A AUACGAUU	1439	AUCGUAUU CUGAUGAG GCCGUUAGGC CGAA ICCCCUUG AAUCGUAU CUGAUGAG GCCGUUAGGC CGAA IGCCCCUU	16746
243	GUGUUGGC U CUCUUGGC	1440	GCCAAGAG CUGAUGAG GCCGUUAGGC CGAA IGCCCCUU	16747
245	GUUGGCUC U CUUGGCGU	1441	ACGCCAAG CUGAUGAG GCCGUUAGGC CGAA IACCCAAC	16748
247	UGGCUCUC U UGGCGUUC	1442	GAACGCCA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCA	16749
256	UGGCGUUC U UCAGGUUC	1443	GAACCUGA CUGAUGAG GCCGUUAGGC CGAA IAACGCCA	16750
259	CGUUCUUC A GGUUCACA	1444	UGUGAACC CUGAUGAG GCCGUUAGGC CGAA IAAGAACG	16751
265	UCAGGUUC A CAGCAAUU	1445	AAUUGCUG CUGAUGAG GCCGUUAGGC CGAA IAACCUGA	16752 16753
267	AGGUUCAC A GCAAUUGC	1446	GCAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUGAACCU	16754
270	UUCACAGC A AUUGCUCC	1447	GGAGCAAU CUGAUGAG GCCGUUAGGC CGAA ICUGUGAA	16755
276	GCAAUUGC U CCGACCCG	1448	CGGGUCGG CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC	16756
278	AAUUGCUC C GACCCGAG	1449	CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA IAGCAAUU	16757
282	GCUCCGAC C CGAGCAGU	1450	ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC	16758
283	CUCCGACC C GAGCAGUG	1451	CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IGUCGGAG	16759
288	ACCCGAGC A GUGCUGGA	1452	UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU	16760
293	AGCAGUGC U GGAUCGAU	1453	AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICACUGCU	16761
316	GUGUGAAC A AACAAACA	1454	UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC	16762
320	GAACAAAC A AACAGCGA	1455	UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC	16763
324	AAACAAAC A GCGAUGAA	1456	UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUU	16764
335	GAUGAAAC A CCUUCUGA	1457	UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC	16765
337	UGAAACAC C UUCUGAGU	1458	ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA	16766
338	GAAACACC U UCUGAGUU	1459	AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC	16767
359	ACACCUUC U GAGUUUUA	1460	UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU	16768
366	GAAGGAAC U AGGGACCU CUAGGGAC C UUGACCAG	1461	AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC	16769
	CONCOUNT C OUGHCUAG	1462	CUGGUCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCUAG	16770

			Table IV	
367	UAGGGACC U UGACCAGU	1463	ACUGGUCA CUGAUGAG GCCGUUAGGC CGAA IGUCCCUA	16771
372	ACCUUGAC C AGUGCUAU	1464	AUAGCACU CUGAUGAG GCCGUUAGGC CGAA IUCAAGGU	16772
373	CCUUGACC A GUGCUAUC	1465	GAUAGCAC CUGAUGAG GCCGUUAGGC CGAA IGUCAAGG	16773
378	ACCAGUGC U AUCAAUCG	1466	CGAUUGAU CUGAUGAG GCCGUUAGGC CGAA ICACUGGU	16774
382	GUGCUAUC A AUCGGCGG	1467	CCGCCGAU CUGAUGAG GCCGUUAGGC CGAA IAUAGCAC	16775
394	GGCGGAGC U CAAAACAA	1468	UUGUUUUG CUGAUGAG GCCGUUAGGC CGAA ICUCCGCC	16776
396	CGGAGCUC A AAACAAAA	1469	UUUUGUUU CUGAUGAG GCCGUUAGGC CGAA IAGCUCCG	16777
401	CUCAAAAC A AAAGAAAA	1470	UUUUCUUU CUGAUGAG GCCGUUAGGC CGAA IUUUUGAG	16778
423	GGAAAGAC C GGAAUUGC	1471	GCAAUUCC CUGAUGAG GCCGUUAGGC CGAA IUCUUUCC	16779
432	GGAAUUGC A GUCAUGAU	1472	AUCAUGAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUCC	16780
436	UUGCAGUC A UGAUUGGC	1473	GCCAAUCA CUGAUGAG GCCGUUAGGC CGAA IACUGCAA	16781
445	UGAUUGGC C UGAUCGCC	1474	GGCGAUCA CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	16782
446	GAUUGGCC U GAUCGCCA	1475	UGGCGAUC CUGAUGAG GCCGUUAGGC CGAA IGCCAAUC	16783
453	CUGAUCGC C AGCGUAGG	1476	CCUACGCU CUGAUGAG GCCGUUAGGC CGAA ICGAUCAG	16784
454	UGAUCGCC A GCGUAGGA	1477	UCCUACGC CUGAUGAG GCCGUUAGGC CGAA IGCGAUCA	16785
465	GUAGGAGC A GUUACCCU	1478	AGGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICUCCUAC	16786
471	GCAGUUAC C CUCUCUAA	1479	UUAGAGAG CUGAUGAG GCCGUUAGGC CGAA IUAACUGC	16787
472	CAGUUACC C UCUCUAAC	1480	GUUAGAGA CUGAUGAG GCCGUUAGGC CGAA IGUAACUG	16788
473	AGUUACCC U CUCUAACU	1481	AGUUAGAG CUGAUGAG GCCGUUAGGC CGAA IGGUAACU	16789
475	UUACCCUC U CUAACUUC	1482	GAAGUUAG CUGAUGAG GCCGUUAGGC CGAA IAGGGUAA	16790
477	ACCCUCUC U AACUUCCA	1483	UGGAAGUU CUGAUGAG GCCGUUAGGC CGAA IAGAGGGU	16791
481	UCUCUAAC U UCCAAGGG	1484	CCCUUGGA CUGAUGAG GCCGUUAGGC CGAA IUUAGAGA	16792
484	CUAACUUC C AAGGGAAG	1485	CUUCCCUU CUGAUGAG GCCGUUAGGC CGAA IAAGUUAG	16793
485	UAACUUCC A AGGGAAGG	1486	CCUUCCCU CUGAUGAG GCCGUUAGGC CGAA IGAAGUUA	16794
513	GUAAAUGC U ACUGACGU	1487	ACGUCAGU CUGAUGAG GCCGUUAGGC CGAA ICAUUUAC	16795
516	AAUGCUAC U GACGUCAC	1488	GUGACGUC CUGAUGAG GCCGUUAGGC CGAA IUAGCAUU	16796
523	CUGACGUC A CAGAUGUC	1489	GACAUCUG CUGAUGAG GCCGUUAGGC CGAA IACGUCAG	16797
525	GACGUCAC A GAUGUCAU	1490	AUGACAUC CUGAUGAG GCCGUUAGGC CGAA IUGACGUC	16798
532	CAGAUGUC A UCACGAUU	1491	AAUCGUGA CUGAUGAG GCCGUUAGGC CGAA IACAUCUG	16799
535	AUGUCAUC A CGAUUCCA	1492	UGGAAUCG CUGAUGAG GCCGUUAGGC CGAA IAUGACAU	16800
542	CACGAUUC C AACAGCUG	1493	CAGCUGUU CUGAUGAG GCCGUUAGGC CGAA IAAUCGUG	16801
543	ACGAUUCC A ACAGCUGC	1494	GCAGCUGU CUGAUGAG GCCGUUAGGC CGAA IGAAUCGU	16802
546	AUUCCAAC A GCUGCUGG	1495	CCAGCAGC CUGAUGAG GCCGUUAGGC CGAA IUUGGAAU	16803
549	CCAACAGC U GCUGGAAA	1496	UUUCCAGC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGG	16804
552	ACAGCUGC U GGAAAGAA	1497	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA ICAGCUGU	16805
562	GAAAGAAC C UAUGCAUU	1498	AAUGCAUA CUGAUGAG GCCGUUAGGC CGAA IUUCUUUC	16806
563	AAAGAACC U AUGCAUUG	1499	CAAUGCAU CUGAUGAG GCCGUUAGGC CGAA IGUUCUUU	16807
568	ACCUAUGC A UUGUCAGA	1500	UCUGACAA CUGAUGAG GCCGUUAGGC CGAA ICAUAGGU	16808
574	GCAUUGUC A GAGCAAUG	1501	CAUUGCUC CUGAUGAG GCCGUUAGGC CGAA IACAAUGC	16809
579	GUCAGAGC A AUGGAUGU	1502	ACAUCCAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGAC	16810
595	UGGGAUAC A UGUGCGAU	1503	AUCGCACA CUGAUGAG GCCGUUAGGC CGAA IUAUCCCA	16811
609	GAUGAUAC U AUCACUUA	1504	UAAGUGAU CUGAUGAG GCCGUUAGGC CGAA IUAUCAUC	16812
613	AUACUAUC A CUUAUGAA	1505	UUCAUAAG CUGAUGAG GCCGUUAGGC CGAA IAUAGUAU	16813
615	ACUAUCAC U UAUGAAUG	1506	CAUUCAUA CUGAUGAG GCCGUUAGGC CGAA IUGAUAGU	16814
625	AUGAAUGC C CAGUGCUG	1507	CAGCACUG CUGAUGAG GCCGUUAGGC CGAA ICAUUCAU	16815
626	UGAAUGCC C AGUGCUGU	1508	ACAGCACU CUGAUGAG GCCGUUAGGC CGAA IGCAUUCA	16816
627	GAAUGCCC A GUGCUGUC	1509	GACAGCAC CUGAUGAG GCCGUUAGGC CGAA IGGCAUUC	16817
632	CCCAGUGC U GUCGGCUG	1510	CAGCCGAC CUGAUGAG GCCGUUAGGC CGAA ICACUGGG	16818
639	CUGUCGGC U GGUAAUGA	1511	UCAUUACC CUGAUGAG GCCGUUAGGC CGAA ICCGACAG	16819
650	UAAUGAUC C AGAAGACA	1512	UGUCUUCU CUGAUGAG GCCGUUAGGC CGAA IAUCAUUA	16820
651	AAUGAUCC A GAAGACAU	1513	AUGUCUUC CUGAUGAG GCCGUUAGGC CGAA IGAUCAUU	16821
658	CAGAAGAC A UCGACUGU	1514	ACAGUCGA CUGAUGAG GCCGUUAGGC CGAA IUCUUCUG	16822
664	ACAUCGAC U GUUGGUGC	1515	GCACCAAC CUGAUGAG GCCGUUAGGC CGAA IUCGAUGU	16823
673	GUUGGUGC A CAAAGUCA	1516	UGACUUUG CUGAUGAG GCCGUUAGGC CGAA ICACCAAC	16824
675	UGGUGCAC A AAGUCAGC	1517	GCUGACUU CUGAUGAG GCCGUUAGGC CGAA IUGCACCA	16825
681	ACAAAGUC A GCAGUCUA	1518	UAGACUGC CUGAUGAG GCCGUUAGGC CGAA IACUUUGU	16826
684	AAGUCAGC A GUCUACGU	1519	ACGUAGAC CUGAUGAG GCCGUUAGGC CGAA ICUGACUU	16827
688	CAGCAGUC U ACGUCAGG	1520	CCUGACGU CUGAUGAG GCCGUUAGGC CGAA IACUGCUG	16828
694	UCUACGUC A GGUAUGGA	1521	UCCAUACC CUGAUGAG GCCGUUAGGC CGAA IACGUAGA	16829
709 711	GAAGAUGC A CCAAGACA	1522	UGUCUUGG CUGAUGAG GCCGUUAGGC CGAA ICAUCUUC	16830
712	AGAUGCAC C AAGACACG	1523	CGUGUCUU CUGAUGAG GCCGUUAGGC CGAA IUGCAUCU	16831
,12	GAUGCACC A AGACACGC	1524	GCGUGUCU CUGAUGAG GCCGUUAGGC CGAA IGUGCAUC	16832

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			Table IV	
717	ACCAAGAC A CGCCACUC	1525	GAGUGGCG CUGAUGAG GCCGUUAGGC CGAA IUCUUGGU	16833
721	AGACACGC C ACUCAAGA	1526	UCUUGAGU CUGAUGAG GCCGUUAGGC CGAA ICGUGUCU	16834
722	GACACGCC A CUCAAGAC	1527	GUCUUGAG CUGAUGAG GCCGUUAGGC CGAA IGCGUGUC	16835
724	CACGCCAC U CAAGACGC	1528	GCGUCUUG CUGAUGAG GCCGUUAGGC CGAA IUGGCGUG	16836
726	CGCCACUC A AGACGCAG	1529	CUGCGUCU CUGAUGAG GCCGUUAGGC CGAA IAGUGGCG	
733	CAAGACGC A GUCGGAGG	1530	CCUCCGAC CUGAUGAG GCCGUUAGGC CGAA ICGUCUUG	16837
744	CGGAGGUC A CUGACAGU	1531	ACUGUCAG CUGAUGAG GCCGUUAGGC CGAA IACCUCCG	16838
746	GAGGUCAC U GACAGUGC	1532	GCACUGUC CUGAUGAG GCCGUUAGGC CGAA IUGACCUC	16839
750	UCACUGAC A GUGCAGAC	1533	GUCUGCAC CUGAUGAG GCCGUUAGGC CGAA IUCAGUGA	16840
755	GACAGUGC A GACACACG	1534	CGUGUGUC CUGAUGAG GCCGUUAGGC CGAA ICACUGUC	16841
759	GUGCAGAC A CACGGAGA	1535		16842
761	GCAGACAC A CGGAGAAA		UCUCCGUG CUGAUGAG GCCGUUAGGC CGAA IUCUGCAC	16843
772	GAGAAAGC A CUCUAGCG	1536	UUUCUCCG CUGAUGAG GCCGUUAGGC CGAA IUGUCUGC	16844
774	GAAAGCAC U CUAGCGAA	1537	CGCUAGAG CUGAUGAG GCCGUUAGGC CGAA ICUUUCUC	16845
776		1538	UUCGCUAG CUGAUGAG GCCGUUAGGC CGAA IUGCUUUC	16846
784	AAGCACUC U AGCGAACA	1539	UGUUCGCU CUGAUGAG GCCGUUAGGC CGAA IAGUGCUU	16847
795	UAGCGAAC A AGAAGGGG	1540	CCCCUUCU CUGAUGAG GCCGUUAGGC CGAA IUUCGCUA	16848
	AAGGGGGC U UGGAUGGA	1541	UCCAUCCA CUGAUGAG GCCGUUAGGC CGAA ICCCCCUU	16849
805	GGAUGGAC A GCACCAAG	1542	CUUGGUGC CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC	16850
808	UGGACAGC A CCAAGGCC	1543	GGCCUUGG CUGAUGAG GCCGUUAGGC CGAA ICUGUCCA	16851
810	GACAGCAC C AAGGCCAC	1544	GUGGCCUU CUGAUGAG GCCGUUAGGC CGAA IUGCUGUC	16852
811	ACAGCACC A AGGCCACA	1545	UGUGGCCU CUGAUGAG GCCGUUAGGC CGAA IGUGCUGU	16853
816	ACCAAGGC C ACAAGGUA	1546	UACCUUGU CUGAUGAG GCCGUUAGGC CGAA ICCUUGGU	16854
817	CCAAGGCC A CAAGGUAU	1547	AUACCUUG CUGAUGAG GCCGUUAGGC CGAA IGCCUUGG	16855
819	AAGGCCAC A AGGUAUUU	1548	AAAUACCU CUGAUGAG GCCGUUAGGC CGAA IUGGCCUU	16856
837	GUAAAAAC A GAAUCAUG	1549	CAUGAUUC CUGAUGAG GCCGUUAGGC CGAA IUUUUUAC	16857
843	ACAGAAUC A UGGAUCUU	1550	AAGAUCCA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGU	16858
850	CAUGGAUC U UGAGGAAC	1551	GUUCCUCA CUGAUGAG GCCGUUAGGC CGAA IAUCCAUG	16859
859	UGAGGAAC C CUGGAUAU	1552	AUAUCCAG CUGAUGAG GCCGUUAGGC CGAA IUUCCUCA	16860
860	GAGGAACC C UGGAUAUG	1553	CAUAUCCA CUGAUGAG GCCGUUAGGC CGAA IGUUCCUC	16861
861	AGGAACCC U GGAUAUGC	1554	GCAUAUCC CUGAUGAG GCCGUUAGGC CGAA IGGUUCCU	16862
870	GGAUAUGC C CUGGUGGC	1555	GCCACCAG CUGAUGAG GCCGUUAGGC CGAA ICAUAUCC	16863
871	GAUAUGCC C UGGUGGCA	1556	UGCCACCA CUGAUGAG GCCGUUAGGC CGAA IGCAUAUC	16864
872	AUAUGCCC U GGUGGCAG	1557	CUGCCACC CUGAUGAG GCCGUUAGGC CGAA IGGCAUAU	16865
879	CUGGUGGC A GCCGUCAU	1558	AUGACGGC CUGAUGAG GCCGUUAGGC CGAA ICCACCAG	16866
882	GUGGCAGC C GUCAUUGG	1559	CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA ICUGCCAC	16867
886	CAGCCGUC A UUGGUUGG	1560	CCAACCAA CUGAUGAG GCCGUUAGGC CGAA IACGGCUG	16868
899	UUGGAUGC U UGGGAGCA	1561	UGCUCCCA CUGAUGAG GCCGUUAGGC CGAA ICAUCCAA	16869
907	UUGGGAGC A ACACCAUG	1562	CAUGGUGU CUGAUGAG GCCGUUAGGC CGAA ICUCCCAA	16870
910	GGAGCAAC A CCAUGCAG	1563	CUGCAUGG CUGAUGAG GCCGUUAGGC CGAA IUUGCUCC	16871
912	AGCAACAC C AUGCAGAG	1564	CUCUGCAU CUGAUGAG GCCGUUAGGC CGAA IUGUUGCU	16872
913	GCAACACC A UGCAGAGA	1565	UCUCUGCA CUGAUGAG GCCGUUAGGC CGAA IGUGUUGC	
917	CACCAUGC A GAGAGUUG	1566	CAACUCUC CUGAUGAG GCCGUUAGGC CGAA ICAUGGUG	16873
938	UGUCGUGC U AUUGCUUU	1567	AAAGCAAU CUGAUGAG GCCGUUAGGC CGAA ICACGACA	16874
944	GCUAUUGC U UUUGGUGG	1568	CCACCAAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGC	16875
954	UUGGUGGC C CCAGCUUA	1569	UAAGCUGG CUGAUGAG GCCGUUAGGC CGAA ICCACCAA	16876
955	UGGUGGCC C CAGCUUAC	1570	GUAAGCUG CUGAUGAG GCCGUUAGGC CGAA IGCCACCA	16877
956	GGUGGCCC C AGCUUACA	1571	UGUAAGCU CUGAUGAG GCCGUUAGGC CGAA IGGCCACC	16878
957	GUGGCCCC A GCUUACAG	1572	CUGUAAGC CUGAUGAG GCCGUUAGGC CGAA IGGCCACC	16879
960	GCCCCAGC U UACAGCUU	1573	AAGCUGUA CUGAUGAG GCCGUUAGGC CGAA ICUGGGGC	16880
964	CAGCUUAC A GCUUCAAC	1574	GUUGAAGC CUGAUGAG GCCGUUAGGC CGAA IUAAGCUG	16881
967	CUUACAGC U UCAACUGC	1575	GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA ICUGUAAG	16882
970	ACAGCUUC A ACUGCCUU	1576	AAGGCAGU CUGAUGAG GCCGUUAGGC CGAA ICUGUAAG AAGGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGCUGU	16883
973	GCUUCAAC U GCCUUGGA	1577	UCCAAGGC CUGAUGAG GCCGUUAGGC CGAA IAAGCUGU UCCAAGGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGC	16884
976	UCAACUGC C UUGGAAUG	1578	CAUUCCAA CUGAUGAG GCCGUUAGGC CGAA IUUGAAGC	16885
977	CAACUGCC U UGGAAUGA	1579	IICAIIIICCA CICAIICAC COCCUINAGEC CGAA ICAGUUGA	16886
988	GAAUGAGC A ACAGAGAC	1580	UCAUUCCA CUGAUGAG GCCGUUAGGC CGAA IGCAGUUG	16887
991	UGAGCAAC A GAGACUUC	1581	GUCUCUGU CUGAUGAG GCCGUUAGGC CGAA ICUCAUUC	16888
997	ACAGAGAC U UCUUGGAA	1582	GAAGUCUC CUGAUGAG GCCGUUAGGC CGAA IUUGCUCA	16889
1000	GAGACUUC U UGGAAGGA	1583	UUCCAAGA CUGAUGAG GCCGUUAGGC CGAA IUCUCUGU	16890
1014	GGAGUGUC U GGAGCAAC	1584	UCCUUCCA CUGAUGAG GCCGUUAGGC CGAA IAAGUCUC	16891
1020	UCUGGAGC A ACAUGGGU	1585	GUUGCUCC CUGAUGAG GCCGUUAGGC CGAA IACACUCC	16892
1023	GGAGCAAC A UGGGUGGA	1586	ACCCAUGU CUGAUGAG GCCGUUAGGC CGAA ICUCCAGA	16893
	Coccount		UCCACCCA CUGAUGAG GCCGUUAGGC CGAA IUUGCUCC	16894

1040	UUUGGUUC U CGAAGGCG	1587	CGCCUUCG CUGAUGAG GCCGUUAGGC CGAA IAACCAAA	16895
1051	AAGGCGAC A GCUGCGUG	1588	CACGCAGC CUGAUGAG GCCGUUAGGC CGAA IUCGCCUU	16896
1054	GCGACAGC U GCGUGACU	1589	AGUCACGC CUGAUGAG GCCGUUAGGC CGAA ICUGUCGC	
1062	UGCGUGAC U AUCAUGUC	1590	GACAUGAU CUGAUGAG GCCGUUAGGC CGAA IUCACGCA	16897
1066	UGACUAUC A UGUCUAAG	1591	CUUAGACA CUGAUGAG GCCGUUAGGC CGAA IAUAGUCA	16898
1071	AUCAUGUC U AAGGACAA	1592		16899
1078	CUAAGGAC A AGCCUACC	1593		16900
1082	GGACAAGC C UACCAUCG		GGUAGGCU CUGAUGAG GCCGUUAGGC CGAA IUCCUUAG	16901
1083	GACAAGCC U ACCAUCGA	1594	CGAUGGUA CUGAUGAG GCCGUUAGGC CGAA ICUUGUCC	16902
		1595	UCGAUGGU CUGAUGAG GCCGUUAGGC CGAA IGCUUGUC	16903
1086	AAGCCUAC C AUCGAUGU	1596	ACAUCGAU CUGAUGAG GCCGUUAGGC CGAA IUAGGCUU	16904
1087	AGCCUACC A UCGAUGUG	1597	CACAUCGA CUGAUGAG GCCGUUAGGC CGAA IGUAGGCU	16905
1120	AGGCGGUC A ACCUGGCA	1598	UGCCAGGU CUGAUGAG GCCGUUAGGC CGAA IACCGCCU	16906
1123	CGGUCAAC C UGGCAGAG	1599	CUCUGCCA CUGAUGAG GCCGUUAGGC CGAA IUUGACCG	16907
1124	GGUCAACC U GGCAGAGG	1600	CCUCUGCC CUGAUGAG GCCGUUAGGC CGAA IGUUGACC	16908
1128	AACCUGGC A GAGGUCCG	1601	CGGACCUC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUU	16909
1135	CAGAGGUC C GCAGUUAU	1602	AUAACUGC CUGAUGAG GCCGUUAGGC CGAA IACCUCUG	16910
1138	AGGUCCGC A GUUAUUGC	1603	GCAAUAAC CUGAUGAG GCCGUUAGGC CGAA ICGGACCU	16911
1147	GUUAUUGC U AUUUGGCU	1604	AGCCAAAU CUGAUGAG GCCGUUAGGC CGAA ICAAUAAC	16912
1155	UAUUUGGC U ACCGUCAG	1605	CUGACGGU CUGAUGAG GCCGUUAGGC CGAA ICCAAAUA	16913
1158	UUGGCUAC C GUCAGCGA	1606	UCGCUGAC CUGAUGAG GCCGUUAGGC CGAA IUAGCCAA	16914
1162	CUACCGUC A GCGAUCUC	1607	GAGAUCGC CUGAUGAG GCCGUUAGGC CGAA IACGGUAG	
1169	CAGCGAUC U CUCCACCA	1608	UGGUGGAG CUGAUGAG GCCGUUAGGC CGAA IAUCGCUG	16915
1171	GCGAUCUC U CCACCAAA	1609	UUUGGUGG CUGAUGAG GCCGUUAGGC CGAA IAGAUCGC	16916
1173	GAUCUCUC C ACCAAAGC	1610		16917
1174	AUCUCUCC A CCAAAGCU	1611	GCUUUGGU CUGAUGAG GCCGUUAGGC CGAA IAGAGAUC	16918
1176	 		AGCUUUGG CUGAUGAG GCCGUUAGGC CGAA IGAGAGAU	16919
	CUCUCCAC C AAAGCUGC	1612	GCAGCUUU CUGAUGAG GCCGUUAGGC CGAA IUGGAGAG	16920
1177	UCUCCACC A AAGCUGCG	1613	CGCAGCUU CUGAUGAG GCCGUUAGGC CGAA IGUGGAGA	16921
1182	ACCAAAGC U GCGUGCCC	1614	GGGCACGC CUGAUGAG GCCGUUAGGC CGAA ICUUUGGU	16922
1189	CUGCGUGC C CGACCAUG	1615	CAUGGUCG CUGAUGAG GCCGUUAGGC CGAA ICACGCAG	16923
1190	UGCGUGCC C GACCAUGG	1616	CCAUGGUC CUGAUGAG GCCGUUAGGC CGAA IGCACGCA	16924
1194	UGCCCGAC C AUGGGAGA	1617	UCUCCCAU CUGAUGAG GCCGUUAGGC CGAA IUCGGGCA	16925
1195	GCCCGACC A UGGGAGAA	1618	UUCUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUCGGGC	16926
1206	GGAGAAGC U CACAAUGA	1619	UCAUUGUG CUGAUGAG GCCGUUAGGC CGAA ICUUCUCC	16927
1208	AGAAGCUC A CAAUGACA	1620	UGUCAUUG CUGAUGAG GCCGUUAGGC CGAA IAGCUUCU	16928
1210	AAGCUCAC A AUGACAAA	1621	UUUGUCAU CUGAUGAG GCCGUUAGGC CGAA IUGAGCUU	16929
1216	ACAAUGAC A AACGUGCU	1622	AGCACGUU CUGAUGAG GCCGUUAGGC CGAA IUCAUUGU	16930
1224	AAACGUGC U GACCCAGC	1623	GCUGGGUC CUGAUGAG GCCGUUAGGC CGAA ICACGUUU	16931
1228	GUGCUGAC C CAGCUUUU	1624	AAAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCAGCAC	16932
1229	UGCUGACC C AGCUUUUG	1625	CAAAAGCU CUGAUGAG GCCGUUAGGC CGAA IGUCAGCA	16933
1230	GCUGACCC A GCUUUUGU	1626	ACAAAAGC CUGAUGAG GCCGUUAGGC CGAA IGGUCAGC	16934
1233	GACCCAGC U UUUGUGUG	1627	CACACAAA CUGAUGAG GCCGUUAGGC CGAA ICUGGGUC	
1243	UUGUGUGC A GACAAGGA	1628	UCCUUGUC CUGAUGAG GCCGUUAGGC CGAA ICACACAA	16935
1247	GUGCAGAC A AGGAGUGG	1629	CCACUCCU CUGAUGAG GCCGUUAGGC CGAA IUCUGCAC	16936
1261	UGGUGGAC A GGGGCUGG	1630		16937
1267	ACAGGGGC U GGGGCAAC		CCAGCCCC CUGAUGAG GCCGUUAGGC CGAA IUCCACCA	16938
1273	GCUGGGGC A ACGGCUGC	1631 1632	GUUGCCCC CUGAUGAG GCCGUUAGGC CGAA ICCCCUGU	16939
1279	GCAACGGC U GCGGAUUA		GCAGCCGU CUGAUGAG GCCGUUAGGC CGAA ICCCCAGC	16940
1294		1633	UAAUCCGC CUGAUGAG GCCGUUAGGC CGAA ICCGUUGC	16941
1303	UAUUUGGC A AAGGAAGC	1634	GCUUCCUU CUGAUGAG GCCGUUAGGC CGAA ICCAAAUA	16942
	AAGGAAGC A UUGACACA	1635	UGUGUCAA CUGAUGAG GCCGUUAGGC CGAA ICUUCCUU	16943
1309	GCAUUGAC A CAUGCGCC	1636	GGCGCAUG CUGAUGAG GCCGUUAGGC CGAA IUCAAUGC	16944
1311	AUUGACAC A UGCGCCAA	1637	UUGGCGCA CUGAUGAG GCCGUUAGGC CGAA IUGUCAAU	16945
1317	ACAUGCGC C AAAUUUGC	1638	GCAAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGCAUGU	16946
1318	CAUGCGCC A AAUUUGCC	1639	GGCAAAUU CUGAUGAG GCCGUUAGGC CGAA IGCGCAUG	16947
1326	AAAUUUGC C UGCUCUAC	1640	GUAGAGCA CUGAUGAG GCCGUUAGGC CGAA ICAAAUUU	16948
1327	AAUUUGCC U GCUCUACC	1641	GGUAGAGC CUGAUGAG GCCGUUAGGC CGAA IGCAAAUU	16949
1330	UUGCCUGC U CUACCAAG	1642	CUUGGUAG CUGAUGAG GCCGUUAGGC CGAA ICAGGCAA	16950
1332	GCCUGCUC U ACCAAGGC	1643	GCCUUGGU CUGAUGAG GCCGUUAGGC CGAA IAGCAGGC	16951
1335	UGCUCUAC C AAGGCAAU	1644	AUUGCCUU CUGAUGAG GCCGUUAGGC CGAA IUAGAGCA	16952
1336	GCUCUACC A AGGCAAUA	1645	UAUUGCCU CUGAUGAG GCCGUUAGGC CGAA IGUAGAGC	16953
1341	ACCAAGGC A AUAGGAAG	1646	CUUCCUAU CUGAUGAG GCCGUUAGGC CGAA ICCUUGGU	16954
1353	GGAAGAAC C AUCUUGAA	1647	UUCAAGAU CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC	16955
1354	GAAGAACC A UCUUGAAA	1648	UUUCAAGA CUGAUGAG GCCGUUAGGC CGAA IGUUCUUC	
			TOURSE CON TOUCHOC	16956

1357	GAACCAUC U UGAAAGAG	1649	CUCUUUCA CUGAUGAG GCCGUUAGGC CGAA IAUGGUUC	1 3 5 5 5 5
1372				16957
	AGAAUAUC A AGUACGAA	1650	UUCGUACU CUGAUGAG GCCGUUAGGC CGAA IAUAUUCU	16958
1386	GAAGUGGC C AUUUUUGU	1651	ACAAAAAU CUGAUGAG GCCGUUAGGC CGAA ICCACUUC	16959
1387	AAGUGGCC A UUUUUGUC	1652	GACAAAA CUGAUGAG GCCGUUAGGC CGAA IGCCACUU	16960
1396	UUUUUGUC C AUGGACCA	1653	UGGUCCAU CUGAUGAG GCCGUUAGGC CGAA IACAAAAA	16961
1397	UUUUGUCC A UGGACCAA	1654	UUGGUCCA CUGAUGAG GCCGUUAGGC CGAA IGACAAAA	+
1403	CCAUGGAC C AACUACUG			16962
		1655	CAGUAGUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG	16963
1404	CAUGGACC A ACUACUGU	1656	ACAGUAGU CUGAUGAG GCCGUUAGGC CGAA IGUCCAUG	16964
1407	GGACCAAC U ACUGUGGA	1657	UCCACAGU CUGAUGAG GCCGUUAGGC CGAA IUUGGUCC	16965
1410	CCAACUAC U GUGGAGUC	1658	GACUCCAC CUGAUGAG GCCGUUAGGC CGAA IUAGUUGG	16966
1421	GGAGUCGC A CGGAAACU	1659	AGUUUCCG CUGAUGAG GCCGUUAGGC CGAA ICGACUCC	16967
1429	ACGGAAAC U ACUCCACA	1660		
	 	+		16968
1432	GAAACUAC U CCACACAG	1661	CUGUGUGG CUGAUGAG GCCGUUAGGC CGAA IUAGUUUC	16969
1434	AACUACUC C ACACAGGU	1662	ACCUGUGU CUGAUGAG GCCGUUAGGC CGAA IAGUAGUU	16970
1435	ACUACUCC A CACAGGUU	1663	AACCUGUG CUGAUGAG GCCGUUAGGC CGAA IGAGUAGU	16971
1437	UACUCCAC A CAGGUUGG	1664	CCAACCUG CUGAUGAG GCCGUUAGGC CGAA IUGGAGUA	16972
1439	CUCCACAC A GGUUGGAG	1665	CUCCAACC CUGAUGAG GCCGUUAGGC CGAA IUGUGGAG	
1449	GUUGGAGC C ACUCAGGC			16973
		1666	GCCUGAGU CUGAUGAG GCCGUUAGGC CGAA ICUCCAAC	16974
1450	UUGGAGCC A CUCAGGCA	1667	UGCCUGAG CUGAUGAG GCCGUUAGGC CGAA IGCUCCAA	16975
1452	GGAGCCAC U CAGGCAGG	1668	CCUGCCUG CUGAUGAG GCCGUUAGGC CGAA IUGGCUCC	16976
1454	AGCCACUC A GGCAGGGA	1669	UCCCUGCC CUGAUGAG GCCGUUAGGC CGAA IAGUGGCU	16977
1458	ACUCAGGC A GGGAGAUU	1670	AAUCUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGAGU	16978
1468	GGAGAUUC A GCAUCACU	1671	AGUGAUGC CUGAUGAG GCCGUUAGGC CGAA IAAUCUCC	
1471	 			16979
	GAUUCAGC A UCACUCCU	1672	AGGAGUGA CUGAUGAG GCCGUUAGGC CGAA ICUGAAUC	16980
1474	UCAGCAUC A CUCCUGCG	1673	CGCAGGAG CUGAUGAG GCCGUUAGGC CGAA IAUGCUGA	16981
1476	AGCAUCAC U CCUGCGGC	1674	GCCGCAGG CUGAUGAG GCCGUUAGGC CGAA IUGAUGCU	16982
1478	CAUCACUC C UGCGGCGC	1675	GCGCCGCA CUGAUGAG GCCGUUAGGC CGAA IAGUGAUG	16983
1479	AUCACUCC U GCGGCGCC	1676	GGCGCCGC CUGAUGAG GCCGUUAGGC CGAA IGAGUGAU	16984
1487	UGCGGCGC C UUCAUACA	1677	UGUAUGAA CUGAUGAG GCCGUUAGGC CGAA ICGCCGCA	
1488	GCGGCGCC U UCAUACAC	1678	GUGUAUGA CUGAUGAG GCCGUUAGGC CGAA IGCGCCGC	16985
1491				16986
	GCGCCUUC A UACACACU	1679	AGUGUGUA CUGAUGAG GCCGUUAGGC CGAA IAAGGCGC	16987
1495	CUUCAUAC A CACUAAAG	1680	CUUUAGUG CUGAUGAG GCCGUUAGGC CGAA IUAUGAAG	16988
1497	UCAUACAC A CUAAAGCU	1681	AGCUUUAG CUGAUGAG GCCGUUAGGC CGAA IUGUAUGA	16989
1499	AUACACAC U AAAGCUUG	1682	CAAGCUUU CUGAUGAG GCCGUUAGGC CGAA IUGUGUAU	16990
1505	ACUAAAGC U UGGAGAAU	1683	AUUCUCCA CUGAUGAG GCCGUUAGGC CGAA ICUUUAGU	16991
1527	GAGGUGAC A GUGGACUG	1684	CAGUCCAC CUGAUGAG GCCGUUAGGC CGAA IUCACCUC	16992
1534	CAGUGGAC U GUGAACCA	1685	UGGUUCAC CUGAUGAG GCCGUUAGGC CGAA IUCCACUG	
1541	CUGUGAAC C ACGGUCAG	1686		16993
<u> </u>			CUGACCGU CUGAUGAG GCCGUUAGGC CGAA IUUCACAG	16994
1542	UGUGAACC A CGGUCAGG	1687	CCUGACCG CUGAUGAG GCCGUUAGGC CGAA IGUUCACA	16995
1548	CCACGGUC A GGGAUUGA	1688	UCAAUCCC CUGAUGAG GCCGUUAGGC CGAA IACCGUGG	16996
1558	GGAUUGAC A CCAAUGCA	1689	UGCAUUGG CUGAUGAG GCCGUUAGGC CGAA IUCAAUCC	16997
1560	AUUGACAC C AAUGCAUA	1690	UAUGCAUU CUGAUGAG GCCGUUAGGC CGAA IUGUCAAU	16998
1561	UUGACACC A AUGCAUAC	1691	GUAUGCAU CUGAUGAG GCCGUUAGGC CGAA IGUGUCAA	16999
1566	ACCAAUGC A UACUACGU	1692	ACGUAGUA CUGAUGAG GCCGUUAGGC CGAA ICAUUGGU	
1570				17000
	AUGCAUAC U ACGUGAUG	1693	CAUCACGU CUGAUGAG GCCGUUAGGC CGAA IUAUGCAU	17001
1581	GUGAUGAC U GUUGGAAC	1694	GUUCCAAC CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	17002
1590	GUUGGAAC A AAGACGUU	1695	AACGUCUU CUGAUGAG GCCGUUAGGC CGAA IUUCCAAC	17003
1600	AGACGUUC U UGGUCCAU	1696	AUGGACCA CUGAUGAG GCCGUUAGGC CGAA IAACGUCU	17004
1606	UCUUGGUC C AUCGUGAG	1697	CUCACGAU CUGAUGAG GCCGUUAGGC CGAA IACCAAGA	17005
1607	CUUGGUCC A UCGUGAGU	1698	ACUCACGA CUGAUGAG GCCGUUAGGC CGAA IGACCAAG	
1621	AGUGGUUC A UGGACCUC	1699		17006
			GAGGUCCA CUGAUGAG GCCGUUAGGC CGAA IAACCACU	17007
1627	UCAUGGAC C UCAACCUC	1700	GAGGUUGA CUGAUGAG GCCGUUAGGC CGAA IUCCAUGA	17008
1628	CAUGGACC U CAACCUCC	1701	GGAGGUUG CUGAUGAG GCCGUUAGGC CGAA IGUCCAUG	17009
1630	UGGACCUC A ACCUCCCU	1702	AGGGAGGU CUGAUGAG GCCGUUAGGC CGAA IAGGUCCA	17010
1633	ACCUCAAC C UCCCUUGG	1703	CCAAGGGA CUGAUGAG GCCGUUAGGC CGAA IUUGAGGU	17011
1634	CCUCAACC U CCCUUGGA	1704	UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGAGG	17012
1636	UCAACCUC C CUUGGAGC	1705	GCUCCAAG CUGAUGAG GCCGUUAGGC CGAA IAGGUUGA	
1637	CAACCUCC C UUGGAGCA	1706		17013
1638	AACCUCCC U UGGAGCAG		UGCUCCAA CUGAUGAG GCCGUUAGGC CGAA IGAGGUUG	17014
		1707	CUGCUCCA CUGAUGAG GCCGUUAGGC CGAA IGGAGGUU	17015
1645	CUUGGAGC A GUGCUGGA	1708	UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCCAAG	17016
1650	AGCAGUGC U GGAAGUAC	1709	GUACUUCC CUGAUGAG GCCGUUAGGC CGAA ICACUGCU	17017
1659	GGAAGUAC U GUGUGGAG	1710	CUCCACAC CUGAUGAG GCCGUUAGGC CGAA IUACUUCC	17018

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		•	Table IV	
1672	GGAGGAAC A GAGAGACG	1711	CGUCUCUC CUGAUGAG GCCGUUAGGC CGAA IUUCCUCC	17019
1700	UGAGGAAC C ACACGCCA	1712	UGGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUUCCUCA	17020
1701	GAGGAACC A CACGCCAC	1713	GUGGCGUG CUGAUGAG GCCGUUAGGC CGAA IGUUCCUC	17021
1703	GGAACCAC A CGCCACGA	1714	UCGUGGCG CUGAUGAG GCCGUUAGGC CGAA IUGGUUCC	
1707	CCACACGC C ACGAAGCA	1715	UGCUUCGU CUGAUGAG GCCGUUAGGC CGAA ICGUGUGG	17022
	 			17023
1708	CACACGCC A CGAAGCAG	1716	CUGCUUCG CUGAUGAG GCCGUUAGGC CGAA IGCGUGUG	17024
1715	CACGAAGC A GUCUGUGA	1717	UCACAGAC CUGAUGAG GCCGUUAGGC CGAA ICUUCGUG	17025
1719	AAGCAGUC U GUGAUAGC	1718	GCUAUCAC CUGAUGAG GCCGUUAGGC CGAA IACUGCUU	17026
1728	GUGAUAGC A UUGGGCUC	1719	GAGCCCAA CUGAUGAG GCCGUUAGGC CGAA ICUAUCAC	17027
1735	CAUUGGGC U CACAAGAG	1720	CUCUUGUG CUGAUGAG GCCGUUAGGC CGAA ICCCAAUG	17028
1737	UUGGGCUC A CAAGAGGG	1721	CCCUCUUG CUGAUGAG GCCGUUAGGC CGAA IAGCCCAA	17029
1739	GGGCUCAC A AGAGGGAG	1722	CUCCCUCU CUGAUGAG GCCGUUAGGC CGAA IUGAGCCC	17030
1749	GAGGGAGC U CUGCAUCA	1723	UGAUGCAG CUGAUGAG GCCGUUAGGC CGAA ICUCCCUC	17031
1751	GGGAGCUC U GCAUCAAG	1724	CUUGAUGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCCC	17032
1754	AGCUCUGC A UCAAGCUU	1725	AAGCUUGA CUGAUGAG GCCGUUAGGC CGAA ICAGAGCU	17033
1757	UCUGCAUC A AGCUUUGG	1726	CCAAAGCU CUGAUGAG GCCGUUAGGC CGAA IAUGCAGA	17034
1761	CAUCAAGC U UUGGCUGG	1727	CCAGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUUGAUG	
1767	GCUUUGGC U GGAGCCAU	1728	AUGGCUCC CUGAUGAG GCCGUUAGGC CGAA ICCAAAGC	17035
1773	GCUGGAGC C AUUCCUGU	1729	ACAGGAAU CUGAUGAG GCCGUUAGGC CGAA ICUCCAGC	17036
1774	CUGGAGCC A UUCCUGUG	1730		17037
1778		 	CACAGGAA CUGAUGAG GCCGUUAGGC CGAA IGCUCCAG	17038
	AGCCAUUC C UGUGGAAU	1731	AUUCCACA CUGAUGAG GCCGUUAGGC CGAA IAAUGGCU	17039
1779	GCCAUUCC U GUGGAAUU	1732	AAUUCCAC CUGAUGAG GCCGUUAGGC CGAA IGAAUGGC	17040
1791	GAAUUUUC A AGCAACAC	1733	GUGUUGCU CUGAUGAG GCCGUUAGGC CGAA IAAAAUUC	17041
1795	UUUCAAGC A ACACUGUC	1734	GACAGUGU CUGAUGAG GCCGUUAGGC CGAA ICUUGAAA	17042
1798	CAAGCAAC A CUGUCAAG	1735	CUUGACAG CUGAUGAG GCCGUUAGGC CGAA IUUGCUUG	17043
1800	AGCAACAC U GUCAAGUU	1736	AACUUGAC CUGAUGAG GCCGUUAGGC CGAA IUGUUGCU	17044
1804	ACACUGUC A AGUUGACG	1737	CGUCAACU CUGAUGAG GCCGUUAGGC CGAA IACAGUGU	17045
1820	GUCGGGUC A UUUGAAGU	1738	ACUUCAAA CUGAUGAG GCCGUUAGGC CGAA IACCCGAC	17046
1853	AAAAUUGC A GUUGAAGG	1739	CCUUCAAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUUU	17047
1866	AAGGGAAC A ACCUAUGG	1740	CCAUAGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCCUU	17048
1869	GGAACAAC C UAUGGCGU	1741	ACGCCAUA CUGAUGAG GCCGUUAGGC CGAA IUUGUUCC	17049
1870	GAACAACC U AUGGCGUC	1742	GACGCCAU CUGAUGAG GCCGUUAGGC CGAA IGUUGUUC	
1879	AUGGCGUC U GUUCAAAG	1743		17050
1884	GUCUGUUC A AAGGCUUU	1744	AAAGCCUU CUGAUGAG GCCGUUAGGC CGAA IACGCCAU AAAGCCUU CUGAUGAG GCCGUUAGGC CGAA IAACAGAC	17051
1890	UCAAAGGC U UUCAAGUU			17052
1894	AGGCUUUC A AGUUUCUU	1745	AACUUGAA CUGAUGAG GCCGUUAGGC CGAA ICCUUUGA	17053
1901		1746	AAGAAACU CUGAUGAG GCCGUUAGGC CGAA IAAAGCCU	17054
	CAAGUUUC U UGGGACUC	1747	GAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IAAACUUG	17055
1908	CUUGGGAC U CCCGCAGA	1748	UCUGCGGG CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG	17056
1910	UGGGACUC C CGCAGACA	1749	UGUCUGCG CUGAUGAG GCCGUUAGGC CGAA IAGUCCCA	17057
1911	GGGACUCC C GCAGACAC	1750	GUGUCUGC CUGAUGAG GCCGUUAGGC CGAA IGAGUCCC	17058
1914	ACUCCCGC A GACACAGG	1751	CCUGUGUC CUGAUGAG GCCGUUAGGC CGAA ICGGGAGU	17059
1918	CCGCAGAC A CAGGUCAC	1752	GUGACCUG CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG	17060
1920	GCAGACAC A GGUCACGG	1753	CCGUGACC CUGAUGAG GCCGUUAGGC CGAA IUGUCUGC	17061
1925	CACAGGUC A CGGCACUG	1754	CAGUGCCG CUGAUGAG GCCGUUAGGC CGAA IACCUGUG	17062
1930	GUCACGGC A CUGUGGUG	1755	CACCACAG CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC	17063
1932	CACGGCAC U GUGGUGUU	1756	AACACCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG	17064
1949	GGAAUUGC A GUACACUG	1757	CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUCC	17065
1954	UGCAGUAC A CUGGCACG	1758	CGUGCCAG CUGAUGAG GCCGUUAGGC CGAA IUACUGCA	
1956	CAGUACAC U GGCACGGA	1759	UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA TUACUGCA	17066
1960	ACACUGGC A CGGAUGGA	1760	UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA ICCAGUGU UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA ICCAGUGU	17067
1970	GGAUGGAC C UUGCAAAG	1761		17068
1971			CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC	17069
	GAUGGACC U UGCAAAGU	1762	ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC	17070
1975	GACCUUGC A AAGUUCCU	1763	AGGAACUU CUGAUGAG GCCGUUAGGC CGAA ICAAGGUC	17071
1982	CAAAGUUC C UAUCUCGU	1764	ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUUG	17072
1983	AAAGUUCC U AUCUCGUC	1765	GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IGAACUUU	17073
1987	UUCCUAUC U CGUCAGUG	1766	CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA	17074
1992	AUCUCGUC A GUGGCUUC	1767	GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU	17075
1998	UCAGUGGC U UCAUUGAA	1768	UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA ICCACUGA	17076
2001	GUGGCUUC A UUGAACGA	1769	UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC	17077
2011	UGAACGAC C UAACGCCA	1770	UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA	17078
2012	GAACGACC U AACGCCAG	1771	CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC	
2018	CCUAACGC C AGUGGGCA	1772	UGCCCACU CUGAUGAG GCCGUUAGGC CGAA ICGUUAGG	17079
			GCCGOUAGGC CGAM ICGOUAGG	17080

Table IV

2019	CUAACGCC A GUGGGCAG	1773	CUGCCCAC CUGAUGAG GCCGUUAGGC CGAA IGCGUUAG	17081
2026	CAGUGGGC A GAUUGGUC	1774	GACCAAUC CUGAUGAG GCCGUUAGGC CGAA ICCCACUG	17082
2035	GAUUGGUC A CUGUCAAC	1775	GUUGACAG CUGAUGAG GCCGUUAGGC CGAA IACCAAUC	17083
2037	UUGGUCAC U GUCAACCC	1776	GGGUUGAC CUGAUGAG GCCGUUAGGC CGAA IUGACCAA	17084
2041	UCACUGUC A ACCCUUUU	1777	AAAAGGGU CUGAUGAG GCCGUUAGGC CGAA IACAGUGA	17085
2044	CUGUCAAC C CUUUUGUU	1778	AACAAAAG CUGAUGAG GCCGUUAGGC CGAA IUUGACAG	17086
2045	UGUCAACC C UUUUGUUU	1779	AAACAAAA CUGAUGAG GCCGUUAGGC CGAA IGUUGACA	17087
2046	GUCAACCC U UUUGUUUC	1780	GAAACAAA CUGAUGAG GCCGUUAGGC CGAA IGGUUGAC	
2055	UUUGUUUC A GUGGCCAC	1781	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA IAAACAAA	17088
2061	UCAGUGGC C ACGGCCAA	1782	UUGGCCGU CUGAUGAG GCCGUUAGGC CGAA ICCACUGA	17089
2062	CAGUGGCC A CGGCCAAC	1783	GUUGGCCG CUGAUGAG GCCGUUAGGC CGAA ICCACUGA	17090
2067	GCCACGGC C AACGCUAA	1784		17091
2068	CCACGGCC A ACGCUAAG	1785	UUAGCGUU CUGAUGAG GCCGUUAGGC CGAA ICCGUGGC	17092
2073	GCCAACGC U AAGGUCCU	1786	CUUAGCGU CUGAUGAG GCCGUUAGGC CGAA IGCCGUGG	17093
2080	CUAAGGUC C UGAUUGAA	1787	AGGACCUU CUGAUGAG GCCGUUAGGC CGAA ICGUUGGC	17094
2081			UUCAAUCA CUGAUGAG GCCGUUAGGC CGAA IACCUUAG	17095
	UAAGGUCC U GAUUGAAU	1788	AUUCAAUC CUGAUGAG GCCGUUAGGC CGAA IGACCUUA	17096
2096	AUUGGAAC C ACCCUUUG	1789	CAAAGGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCAAU	17097
2097	UUGGAACC A CCCUUUGG	1790	CCAAAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUCCAA	17098
2099	GGAACCAC C CUUUGGAG	1791	CUCCAAAG CUGAUGAG GCCGUUAGGC CGAA IUGGUUCC	17099
2100	GAACCACC C UUUGGAGA	1792	UCUCCAAA CUGAUGAG GCCGUUAGGC CGAA IGUGGUUC	17100
2101	AACCACCC U UUGGAGAC	1793	GUCUCCAA CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU	17101
2110	UUGGAGAC U CAUACAUA	1794	UAUGUAUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCAA	17102
2112	GGAGACUC A UACAUAGU	1795	ACUAUGUA CUGAUGAG GCCGUUAGGC CGAA IAGUCUCC	17103
2116	ACUCAUAC A UAGUGGUG	1796	CACCACUA CUGAUGAG GCCGUUAGGC CGAA IUAUGAGU	17104
2128	UGGUGGGC A GAGGAGAA	1797	UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA ICCCACCA	17105
2138	AGGAGAAC A ACAGAUCA	1798	UGAUCUGU CUGAUGAG GCCGUUAGGC CGAA IUUCUCCU	17106
2141	AGAACAAC A GAUCAAUC	1799	GAUUGAUC CUGAUGAG GCCGUUAGGC CGAA IUUGUUCU	17107
2146	AACAGAUC A AUCACCAU	1800	AUGGUGAU CUGAUGAG GCCGUUAGGC CGAA IAUCUGUU	17108
2150	GAUCAAUC A CCAUUGGC	1801	GCCAAUGG CUGAUGAG GCCGUUAGGC CGAA IAUUGAUC	17109
2152	UCAAUCAC C AUUGGCAC	1802	GUGCCAAU CUGAUGAG GCCGUUAGGC CGAA IUGAUUGA	17110
2153	CAAUCACC A UUGGCACA	1803	UGUGCCAA CUGAUGAG GCCGUUAGGC CGAA IGUGAUUG	17111
2159	CCAUUGGC A CAAGUCUG	1804	CAGACUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUGG	
2161	AUUGGCAC A AGUCUGGA	1805	UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU	17112
2166	CACAAGUC U GGAAGCAG	1806	CUGCUUCC CUGAUGAG GCCGUUAGGC CGAA IACUUGUG	17113
2173	CUGGAAGC A GCAUUGGC	1807	GCCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG	17114
2176	GAAGCAGC A UUGGCAAA	1808		17115
2182	GCAUUGGC A AAGCCUUU	1809	UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCUUC AAAGGCUU CUGAUGAG GCCGUUAGGC CGAA ICCAAUGC	17116
2187	GGCAAAGC C UUUACAAC	1810	GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUJUGCC	17117
2188	GCAAAGCC U UUACAACC	1811		17118
2193	GCCUUUAC A ACCACCCU	1812	GGUUGUAA CUGAUGAG GCCGUUAGGC CGAA IGCUUUGC	17119
2196	UUUACAAC C ACCCUCAA	1813	AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAAGGC	17120
2197	UUACAACC A CCCUCAAA	1814	UUGAGGGU CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA	17121
2199	ACAACCAC C CUCAAAGG		UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA	17122
2200	CAACCACC C UCAAAGGA	1815	CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IUGGUUGU	17123
2201	AACCACCC U CAAAGGAG	1816	UCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG	17124
2203	CCACCCUC A AAGGAGCG	1817	CUCCUUUG CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU	17125
2213	AGGAGCGC A GAGACUAG	1818	CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IAGGGUGG	17126
2219		1819	CUAGUCUC CUGAUGAG GCCGUUAGGC CGAA ICGCUCCU	17127
2223	GCAGAGAC U AGCCGCUC	1820	GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA IUCUCUGC	17128
	AGACUAGC C GCUCUAGG	1821	CCUAGAGC CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU	17129
2226	CUAGCCGC U CUAGGAGA	1822	UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICGGCUAG	17130
2228	AGCCGCUC U AGGAGACA	1823	UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA IAGCGGCU	17131
2236	UAGGAGAC A CAGCUUGG	1824	CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA	17132
2238	GGAGACAC A GCUUGGGA	1825	UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUGUCUCC	17133
2241	GACACAGC U UGGGACUU	1826	AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA ICUGUGUC	17134
2248	CUUGGGAC U UUGGAUCA	1827	UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG	17135
2256	UUUGGAUC A GUUGGAGG	1828	CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA	17136
2272	GGGUGUUC A CCUCAGUU	1829	AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAACACCC	17137
2274	GUGUUCAC C UCAGUUGG	1830	CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IUGAACAC	17138
2275	UGUUCACC U CAGUUGGG	1831	CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA	17139
2277	UUCACCUC A GUUGGGAA	1832	UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA	17140
2289	GGGAAGGC U GUCCAUCA	1833	UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC	17141
2293	AGGCUGUC C AUCAAGUG	1834	CACUUGAU CUGAUGAG GCCGUUAGGC CGAA IACAGCCU	
			TOUR THUNDER	17142

2294	GGCUGUCC A UCAAGUGU	1835	ACACUTICA CUCATICAG COCCUTIACOS CON TORGECOS	17743
			ACACUUGA CUGAUGAG GCCGUUAGGC CGAA IGACAGCC	17143
2297	UGUCCAUC A AGUGUUCG	1836	CGAACACU CUGAUGAG GCCGUUAGGC CGAA IAUGGACA	17144
2313	GGAGGAGC A UUCCGCUC	1837	GAGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICUCCUCC	17145
2317	GAGCAUUC C GCUCACUG	1838	CAGUGAGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCUC	17146
2320	CAUUCCGC U CACUGUUC	1839	GAACAGUG CUGAUGAG GCCGUUAGGC CGAA ICGGAAUG	17147
2322	UUCCGCUC A CUGUUCGG	1840	CCGAACAG CUGAUGAG GCCGUUAGGC CGAA IAGCGGAA	17148
<u> </u>	 			
2324	CCGCUCAC U GUUCGGAG	1841	CUCCGAAC CUGAUGAG GCCGUUAGGC CGAA IUGAGCGG	17149
2335	UCGGAGGC A UGUCCUGG	1842	CCAGGACA CUGAUGAG GCCGUUAGGC CGAA ICCUCCGA	17150
2340	GGCAUGUC C UGGAUAAC	1843	GUUAUCCA CUGAUGAG GCCGUUAGGC CGAA IACAUGCC	17151
2341	GCAUGUCC U GGAUAACG	1844	CGUUAUCC CUGAUGAG GCCGUUAGGC CGAA IGACAUGC	17152
2351	GAUAACGC A AGGAUUGC	1845	GCAAUCCU CUGAUGAG GCCGUUAGGC CGAA ICGUUAUC	17153
2360	AGGAUUGC U GGGGGCUC	1846	GAGCCCCC CUGAUGAG GCCGUUAGGC CGAA ICAAUCCU	
2367	CUGGGGC U CUCCUGUU			17154
		1847	AACAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCCCAG	17155
2369	GGGGCUC U CCUGUUGU	1848	ACAACAGG CUGAUGAG GCCGUUAGGC CGAA IAGCCCCC	17156
2371	GGGCUCUC C UGUUGUGG	1849	CCACAACA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCC	17157
2372	GGCUCUCC U GUUGUGGA	1850	UCCACAAC CUGAUGAG GCCGUUAGGC CGAA IGAGAGCC	17158
2386	GGAUGGGC A UCAAUGCU	1851	AGCAUUGA CUGAUGAG GCCGUUAGGC CGAA ICCCAUCC	17159
2389	UGGGCAUC A AUGCUCGU	1852	ACGAGCAU CUGAUGAG GCCGUUAGGC CGAA IAUGCCCA	17160
2394	AUCAAUGC U CGUGAUAG			
		1853	CUAUCACG CUGAUGAG GCCGUUAGGC CGAA ICAUUGAU	17161
2406	GAUAGGUC C AUAGCUCU	1854	AGAGCUAU CUGAUGAG GCCGUUAGGC CGAA IACCUAUC	17162
2407	AUAGGUCC A UAGCUCUC	1855	GAGAGCUA CUGAUGAG GCCGUUAGGC CGAA IGACCUAU	17163
2412	UCCAUAGC U CUCACGUU	1856	AACGUGAG CUGAUGAG GCCGUUAGGC CGAA ICUAUGGA	17164
2414	CAUAGCUC U CACGUUUC	1857	GAAACGUG CUGAUGAG GCCGUUAGGC CGAA IAGCUAUG	17165
2416	UAGCUCUC A CGUUUCUC	1858	GAGAAACG CUGAUGAG GCCGUUAGGC CGAA IAGAGCUA	17166
2423	CACGUUUC U CGCAGUUG	1859	CAACUGCG CUGAUGAG GCCGUUAGGC CGAA IAAACGUG	
2427				17167
	UUUCUCGC A GUUGGAGG	1860	CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA ICGAGAAA	17168
2441	AGGAGUUC U GCUCUUCC	1861	GGAAGAGC CUGAUGAG GCCGUUAGGC CGAA IAACUCCU	17169
2444	AGUUCUGC U CUUCCUCU	1862	AGAGGAAG CUGAUGAG GCCGUUAGGC CGAA ICAGAACU	17170
2446	UUCUGCUC U UCCUCUCC	1863	GGAGAGGA CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA	17171
2449	UGCUCUUC C UCUCCGUG	1864	CACGGAGA CUGAUGAG GCCGUUAGGC CGAA IAAGAGCA	17172
2450	GCUCUUCC U CUCCGUGA	1865	UCACGGAG CUGAUGAG GCCGUUAGGC CGAA IGAAGAGC	
2452	UCUUCCUC U CCGUGAAC			17173
		1866	GUUCACGG CUGAUGAG GCCGUUAGGC CGAA IAGGAAGA	17174
2454	UUCCUCUC C GUGAACGU	1867	ACGUUCAC CUGAUGAG GCCGUUAGGC CGAA IAGAGGAA	17175
2465	GAACGUGC A CGCUGACA	1868	UGUCAGCG CUGAUGAG GCCGUUAGGC CGAA ICACGUUC	17176
2469	GUGCACGC U GACACUGG	1869	CCAGUGUC CUGAUGAG GCCGUUAGGC CGAA ICGUGCAC	17177
2473	ACGCUGAC A CUGGGUGU	1870	ACACCCAG CUGAUGAG GCCGUUAGGC CGAA IUCAGCGU	17178
2475	GCUGACAC U GGGUGUGC	1871	GCACACCC CUGAUGAG GCCGUUAGGC CGAA IUGUCAGC	17179
2484	GGGUGUGC C AUAGACAU	1872	AUGUCUAU CUGAUGAG GCCGUUAGGC CGAA ICACACCC	
2485				17180
	GGUGUGCC A UAGACAUC	1873	GAUGUCUA CUGAUGAG GCCGUUAGGC CGAA IGCACACC	17181
2491	CCAUAGAC A UCAGCCGG	1874	CCGGCUGA CUGAUGAG GCCGUUAGGC CGAA IUCUAUGG	17182
2494	UAGACAUC A GCCGGCAA	1875	UUGCCGGC CUGAUGAG GCCGUUAGGC CGAA IAUGUCUA	17183
2497	ACAUCAGC C GGCAAGAG	1876	CUCUUGCC CUGAUGAG GCCGUUAGGC CGAA ICUGAUGU	17184
2501	CAGCCGGC A AGAGCUGA	1877	UCAGCUCU CUGAUGAG GCCGUUAGGC CGAA ICCGGCUG	17185
2507	GCAAGAGC U GAGAUGUG	1878	CACAUCUC CUGAUGAG GCCGUUAGGC CGAA ICUCUUGC	
2530	GAGUGUUC A UACACAAU	1879		17186
$\overline{}$			AUUGUGUA CUGAUGAG GCCGUUAGGC CGAA IAACACUC	17187
2534	GUUCAUAC A CAAUGAUG	1880	CAUCAUUG CUGAUGAG GCCGUUAGGC CGAA IUAUGAAC	17188
2536	UCAUACAC A AUGAUGUG	1881	CACAUCAU CUGAUGAG GCCGUUAGGC CGAA IUGUAUGA	17189
2550	GUGGAGGC U UGGAUGGA	1882	UCCAUCCA CUGAUGAG GCCGUUAGGC CGAA ICCUCCAC	17190
2560	GGAUGGAC C GGUACAAG	1883	CUUGUACC CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC	17191
2566	ACCGGUAC A AGUAUUAC	1884	GUAAUACU CUGAUGAG GCCGUUAGGC CGAA IUACCGGU	17192
2575	AGUAUUAC C CUGAAACG	1885	CGUUUCAG CUGAUGAG GCCGUUAGGC CGAA IUAAUACU	
2576				17193
	GUAUUACC C UGAAACGC	1886	GCGUUUCA CUGAUGAG GCCGUUAGGC CGAA IGUAAUAC	17194
2577	UAUUACCC U GAAACGCC	1887	GGCGUUUC CUGAUGAG GCCGUUAGGC CGAA IGGUAAUA	17195
2585	UGAAACGC C ACAAGGCC	1888	GGCCUUGU CUGAUGAG GCCGUUAGGC CGAA ICGUUUCA	17196
2586	GAAACGCC A CAAGGCCU	1889	AGGCCUUG CUGAUGAG GCCGUUAGGC CGAA IGCGUUUC	17197
2588	AACGCCAC A AGGCCUAG	1890	CUAGGCCU CUGAUGAG GCCGUUAGGC CGAA IUGGCGUU	17198
2593	CACAAGGC C UAGCCAAG	1891	CUUGGCUA CUGAUGAG GCCGUUAGGC CGAA ICCUUGUG	
2594	ACAAGGCC U AGCCAAGA			17199
		1892	UCUUGGCU CUGAUGAG GCCGUUAGGC CGAA IGCCUUGU	17200
2598	GGCCUAGC C AAGAUCAU	1893	AUGAUCUU CUGAUGAG GCCGUUAGGC CGAA ICUAGGCC	17201
2599	GCCUAGCC A AGAUCAUU	1894	AAUGAUCU CUGAUGAG GCCGUUAGGC CGAA IGCUAGGC	17202
2605	CCAAGAUC A UUCAGAAA	1895	UUUCUGAA CUGAUGAG GCCGUUAGGC CGAA IAUCUUGG	17203
2609	GAUCAUUC A GAAAGCUC	1896	GAGCUUUC CUGAUGAG GCCGUUAGGC CGAA IAAUGAUC	17204

2616	CAGAAAGC U CAUAAGGA	1897	UCCUUAUG CUGAUGAG GCCGUUAGGC CGAA ICUUUCUG	1.0000
2618	GAAAGCUC A UAAGGAAG			17205
		1898	CUUCCUUA CUGAUGAG GCCGUUAGGC CGAA IAGCUUUC	17206
2639	GUGCGGUC U ACGAUCAG	1899	CUGAUCGU CUGAUGAG GCCGUUAGGC CGAA IACCGCAC	17207
2646	CUACGAUC A GUUUCCAG	1900	CUGGAAAC CUGAUGAG GCCGUUAGGC CGAA IAUCGUAG	17208
2652	UCAGUUUC C AGACUGGA	1901	UCCAGUCU CUGAUGAG GCCGUUAGGC CGAA IAAACUGA	17209
2653	CAGUUUCC A GACUGGAG	1902	CUCCAGUC CUGAUGAG GCCGUUAGGC CGAA IGAAACUG	
2657	UUCCAGAC U GGAGCAUC	1903		17210
			GAUGCUCC CUGAUGAG GCCGUUAGGC CGAA IUCUGGAA	17211
2663	ACUGGAGC A UCAAAUGU	1904	ACAUUUGA CUGAUGAG GCCGUUAGGC CGAA ICUCCAGU	17212
2666	GGAGCAUC A AAUGUGGG	1905	CCCACAUU CUGAUGAG GCCGUUAGGC CGAA IAUGCUCC	17213
2679	UGGGAAGC A GUGAAGGA	1906	UCCUUCAC CUGAUGAG GCCGUUAGGC CGAA ICUUCCCA	17214
2693	GGACGAGC U GAACACUC	1907	GAGUGUUC CUGAUGAG GCCGUUAGGC CGAA ICUCGUCC	17215
2698	AGCUGAAC A CUCUUUUG	1908		
2700	CUGAACAC U CUUUUGAA	1909		17216
			UUCAAAAG CUGAUGAG GCCGUUAGGC CGAA IUGUUCAG	17217
2702	GAACACUC U UUUGAAGG	1910	CCUUCAAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUUC	17218
2725	GUGUGGAC C UUAGUGUC	1911_	GACACUAA CUGAUGAG GCCGUUAGGC CGAA IUCCACAC	17219
2726	UGUGGACC U UAGUGUCG	1912	CGACACUA CUGAUGAG GCCGUUAGGC CGAA IGUCCACA	17220
2747	UGAGAAAC A GGAGGGAA	1913	UUCCCUCC CUGAUGAG GCCGUUAGGC CGAA IUUUCUCA	17221
2761	GAAUGUAC A AGUCAGCA	1914	UGCUGACU CUGAUGAG GCCGUUAGGC CGAA IUACAUUC	
2766	UACAAGUC A GCACCUAA			17222
		1915	UUAGGUGC CUGAUGAG GCCGUUAGGC CGAA IACUUGUA	17223
2769	AAGUCAGC A CCUAAACG	1916	CGUUUAGG CUGAUGAG GCCGUUAGGC CGAA ICUGACUU	17224
2771	GUCAGCAC C UAAACGCC	1917	GGCGUUUA CUGAUGAG GCCGUUAGGC CGAA IUGCUGAC	17225
2772	UCAGCACC U AAACGCCU	1918	AGGCGUUU CUGAUGAG GCCGUUAGGC CGAA IGUGCUGA	17226
2779	CUAAACGC C UCACCGCC	1919	GGCGGUGA CUGAUGAG GCCGUUAGGC CGAA ICGUUUAG	17227
2780	UAAACGCC U CACCGCCA	1920	UGGCGGUG CUGAUGAG GCCGUUAGGC CGAA IGCGUUUA	17228
2782	AACGCCUC A CCGCCACC	1921	GGUGGCGG CUGAUGAG GCCGUUAGGC CGAA IAGGCGUU	
2784	CGCCUCAC C GCCACCAC	1922		17229
2787			GUGGUGGC CUGAUGAG GCCGUUAGGC CGAA IUGAGGCG	17230
	CUCACCGC C ACCACGGA	1923	UCCGUGGU CUGAUGAG GCCGUUAGGC CGAA ICGGUGAG	17231
2788	UCACCGCC A CCACGGAA	1924	UUCCGUGG CUGAUGAG GCCGUUAGGC CGAA IGCGGUGA	17232
2790	ACCGCCAC C ACGGAAAA	1925	UUUUCCGU CUGAUGAG GCCGUUAGGC CGAA IUGGCGGU	17233
2791	CCGCCACC A CGGAAAAA	1926	UUUUUCCG CUGAUGAG GCCGUUAGGC CGAA IGUGGCGG	17234
2812	AAAUUGGC U GGAAGGCC	1927	GGCCUUCC CUGAUGAG GCCGUUAGGC CGAA ICCAAUUU	17235
2820	UGGAAGGC C UGGGGAAA	1928	UUUCCCCA CUGAUGAG GCCGUUAGGC CGAA ICCUUCCA	
2821	GGAAGGCC U GGGGAAAG	1929		17236
2844	UUAUUUGC A CCAGAACU	1930		17237
2846			AGUUCUGG CUGAUGAG GCCGUUAGGC CGAA ICAAAUAA	17238
	AUUUGCAC C AGAACUCG	1931	CGAGUUCU CUGAUGAG GCCGUUAGGC CGAA IUGCAAAU	17239
2847	UUUGCACC A GAACUCGC	1932	GCGAGUUC CUGAUGAG GCCGUUAGGC CGAA IGUGCAAA	17240
2852	ACCAGAAC U CGCCAACA	1933	UGUUGGCG CUGAUGAG GCCGUUAGGC CGAA IUUCUGGU	17241
2856	GAACUCGC C AACAACAC	1934	GUGUUGUU CUGAUGAG GCCGUUAGGC CGAA ICGAGUUC	17242
2857	AACUCGCC A ACAACACC	1935	GGUGUUGU CUGAUGAG GCCGUUAGGC CGAA IGCGAGUU	17243
2860	UCGCCAAC A ACACCUUU	1936	AAAGGUGU CUGAUGAG GCCGUUAGGC CGAA IUUGGCGA	
2863	CCAACAAC A CCUUUGUG	1937		17244
2865	AACAACAC C UUUGUGGU			17245
		1938	ACCACAAA CUGAUGAG GCCGUUAGGC CGAA IUGUUGUU	17246
2866	ACAACACC U UUGUGGUU	1939	AACCACAA CUGAUGAG GCCGUUAGGC CGAA IGUGUUGU	17247
2882	UGAUGGUC C GGAGACCA	1940	UGGUCUCC CUGAUGAG GCCGUUAGGC CGAA IACCAUCA	17248
2889	CCGGAGAC C AAGGAAUG	1941	CAUUCCUU CUGAUGAG GCCGUUAGGC CGAA IUCUCCGG	17249
2890	CGGAGACC A AGGAAUGU	1942	ACAUUCCU CUGAUGAG GCCGUUAGGC CGAA IGUCUCCG	17250
2900	GGAAUGUC C GACUCAGA	1943	UCUGAGUC CUGAUGAG GCCGUUAGGC CGAA IACAUUCC	17251
2904	UGUCCGAC U CAGAAUCG	1944	CGAUUCUG CUGAUGAG GCCGUUAGGC CGAA IUCGGACA	
2906	UCCGACUC A GAAUCGCG	1945		17252
2916	AAUCGCGC U UGGAAUAG		CGCGAUUC CUGAUGAG GCCGUUAGGC CGAA IAGUCGGA	17253
		1946	CUAUUCCA CUGAUGAG GCCGUUAGGC CGAA ICGCGAUU	17254
2926	GGAAUAGC U UAGAAGUG	1947	CACUUCUA CUGAUGAG GCCGUUAGGC CGAA ICUAUUCC	17255
2954	AUUUGGUC U CACCAGCA	1948	UGCUGGUG CUGAUGAG GCCGUUAGGC CGAA IACCAAAU	17256
2956	UUGGUCUC A CCAGCACU	1949	AGUGCUGG CUGAUGAG GCCGUUAGGC CGAA IAGACCAA	17257
2958	GGUCUCAC C AGCACUCG	1950	CGAGUGCU CUGAUGAG GCCGUUAGGC CGAA IUGAGACC	17258
2959	GUCUCACC A GCACUCGG	1951	CCGAGUGC CUGAUGAG GCCGUUAGGC CGAA IGUGAGAC	
2962	UCACCAGC A CUCGGAUG	1952	CAUCCGAG CUGAUGAG GCCGUUAGGC CGAA ICUGGUGA	17259
2964	ACCAGCAC U CGGAUGUU	1953		17260
2974	GGAUGUUC C UGAAGGUC		AACAUCCG CUGAUGAG GCCGUUAGGC CGAA IUGCUGGU	17261
		1954	GACCUUCA CUGAUGAG GCCGUUAGGC CGAA IAACAUCC	17262
2975	GAUGUUCC U GAAGGUCA	1955	UGACCUUC CUGAUGAG GCCGUUAGGC CGAA IGAACAUC	17263
2983	UGAAGGUC A GAGAGAGC	1956	GCUCUCUC CUGAUGAG GCCGUUAGGC CGAA IACCUUCA	17264
2992	GAGAGAGC A ACACAACU	1957	AGUUGUGU CUGAUGAG GCCGUUAGGC CGAA ICUCUCUC	17265
2995	AGAGCAAC A CAACUGAA	1958	UUCAGUUG CUGAUGAG GCCGUUAGGC CGAA IUUGCUCU	17266
			TOTO CON TOT	-,200

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			Table IV	
2997	AGCAACAC A ACUGAAUG	1959	CAUUCAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUGCU	17267
3000	AACACAAC U GAAUGUGA	1960	UCACAUUC CUGAUGAG GCCGUUAGGC CGAA IUUGUGUU	17268
3010	AAUGUGAC U CGAAGAUC	1961	GAUCUUCG CUGAUGAG GCCGUUAGGC CGAA IUCACAUU	17269
3019	CGAAGAUC A UUGGAACG	1962	CGUUCCAA CUGAUGAG GCCGUUAGGC CGAA IAUCUUCG	17270
3030	GGAACGGC U GUCAAGAA	1963	UUCUUGAC CUGAUGAG GCCGUUAGGC CGAA ICCGUUCC	17271
3034	CGGCUGUC A AGAACAAC	1964	GUUGUUCU CUGAUGAG GCCGUUAGGC CGAA IACAGCCG	17272
3040	UCAAGAAC A ACUUGGCG	1965	CGCCAAGU CUGAUGAG GCCGUUAGGC CGAA IUUCUUGA	17273
3043	AGAACAAC U UGGCGAUC	1966	GAUCGCCA CUGAUGAG GCCGUUAGGC CGAA IUUGUUCU	17274
3052	UGGCGAUC C ACAGUGAC	1967	GUCACUGU CUGAUGAG GCCGUUAGGC CGAA IAUCGCCA	17275
3053	GGCGAUCC A CAGUGACC	1968	GGUCACUG CUGAUGAG GCCGUUAGGC CGAA IGAUCGCC	17276
3055	CGAUCCAC A GUGACCUG	1969	CAGGUCAC CUGAUGAG GCCGUUAGGC CGAA IUGGAUCG	17277
3061	ACAGUGAC C UGUCCUAU	1970	AUAGGACA CUGAUGAG GCCGUUAGGC CGAA IUCACUGU	17278
3062	CAGUGACC U GUCCUAUU	1971	AAUAGGAC CUGAUGAG GCCGUUAGGC CGAA IGUCACUG	17279
3066	GACCUGUC C UAUUGGAU	1972	AUCCAAUA CUGAUGAG GCCGUUAGGC CGAA IACAGGUC	17280
3067	ACCUGUCC U AUUGGAUU	1973	AAUCCAAU CUGAUGAG GCCGUUAGGC CGAA IGACAGGU	17281
3082	UUGAAAGC A GGCUCAAU	1974	AUUGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA	
3086	AAGCAGGC U CAAUGAUA	1975	UAUCAUUG CUGAUGAG GCCGUUAGGC CGAA ICCUGCUU	17282
3088	GCAGGCUC A AUGAUACG	1976	CGUAUCAU CUGAUGAG GCCGUUAGGC CGAA IACCCUGC	17283
3104	GUGGAAGC U UGAAAGGG	1977	CCCUUUCA CUGAUGAG GCCGUUAGGC CGAA IAGCCUGC CCCUUUCA CUGAUGAG GCCGUUAGGC CGAA ICUUCCAC	17284
3114	GAAAGGGC A GUUCUGGG	1977	CCCAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCCUUUC	17285
3119	GGCAGUUC U GGGUGAAG	1979	CUUCACCC CUGAUGAG GCCGUUAGGC CGAA ICCCUUUC	17286 17287
3130	GUGAAGUC A AAUCAUGU	1980	ACAUGAUU CUGAUGAG GCCGUUAGGC CGAA IACUUCAC	
3135	GUCAAAUC A UGUACGUG	1981	CACGUACA CUGAUGAG GCCGUUAGGC CGAA IACUUCAC	17288 17289
3146	UACGUGGC C UGAGACGC	1982	GCGUCUCA CUGAUGAG GCCGUUAGGC CGAA IADUUGAC	
3147	ACGUGGCC U GAGACGCA	1983	UGCGUCUC CUGAUGAG GCCGUUAGGC CGAA ICCACGU	17290
3155	UGAGACGC A UACCUUGU	1984	ACAAGGUA CUGAUGAG GCCGUUAGGC CGAA ICGUCUCA	17291
3159	ACGCAUAC C UUGUGGGG	1985	CCCCACAA CUGAUGAG GCCGUUAGGC CGAA IUAUGCGU	17292
3160	CGCAUACC U UGUGGGGC	1986	GCCCACA CUGAUGAG GCCGUUAGGC CGAA IGUAUGCG	17293 17294
3178	AUGGAAUC C UUGAGAGU	1987	ACUCUCAA CUGAUGAG GCCGUUAGGC CGAA IAUUCCAU	17294
3179	UGGAAUCC U UGAGAGUG	1988	CACUCUCA CUGAUGAG GCCGUUAGGC CGAA IGAUUCCA	17296
3190	AGAGUGAC U UGAUAAUA	1989	UAUUAUCA CUGAUGAG GCCGUUAGGC CGAA IUCACUCU	17297
3200	GAUAAUAC C AGUCACAC	1990	GUGUGACU CUGAUGAG GCCGUUAGGC CGAA IUAUUAUC	17298
3201	AUAAUACC A GUCACACU	1991	AGUGUGAC CUGAUGAG GCCGUUAGGC CGAA IGUAUUAU	17299
3205	UACCAGUC A CACUGGCG	1992	CGCCAGUG CUGAUGAG GCCGUUAGGC CGAA IACUGGUA	17300
3207	CCAGUCAC A CUGGCGGG	1993	CCCGCCAG CUGAUGAG GCCGUUAGGC CGAA IUGACUGG	17301
3209	AGUCACAC U GGCGGGAC	1994	GUCCCGCC CUGAUGAG GCCGUUAGGC CGAA IUGUGACU	17302
3218	GGCGGGAC C ACGAAGCA	1995	UGCUUCGU CUGAUGAG GCCGUUAGGC CGAA IUCCCGCC	17303
3219	GCGGGACC A CGAAGCAA	1996	UUGCUUCG CUGAUGAG GCCGUUAGGC CGAA IGUCCCGC	17304
3226	CACGAAGC A AUCACAAU	1997	AUUGUGAU CUGAUGAG GCCGUUAGGC CGAA ICUUCGUG	17305
3230	AAGCAAUC A CAAUCGGA	1998	UCCGAUUG CUGAUGAG GCCGUUAGGC CGAA IAUUGCUU	17306
3232	GCAAUCAC A AUCGGAGA	1999	UCUCCGAU CUGAUGAG GCCGUUAGGC CGAA IUGAUUGC	17307
3242	UCGGAGAC C UGGGUACA	2000	UGUACCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCGA	17308
3243	CGGAGACC U GGGUACAA	2001	UUGUACCC CUGAUGAG GCCGUUAGGC CGAA IGUCUCCG	17309
3250	CUGGGUAC A AGACACAA	2002	UUGUGUCU CUGAUGAG GCCGUUAGGC CGAA IUACCCAG	17310
3255	UACAAGAC A CAAAACCA	2003	UGGUUUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUGUA	17311
3257	CAAGACAC A AAACCAGG	2004	CCUGGUUU CUGAUGAG GCCGUUAGGC CGAA IUGUCUUG	17312
3262	CACAAAAC C AGGGCCCA	2005	UGGGCCCU CUGAUGAG GCCGUUAGGC CGAA IUUUUGUG	17313
3263	ACAAAACC A GGGCCCAU	2006	AUGGGCCC CUGAUGAG GCCGUUAGGC CGAA IGUUUUGU	17314
3268	ACCAGGGC C CAUGGGAC	2007	GUCCCAUG CUGAUGAG GCCGUUAGGC CGAA ICCCUGGU	17315
3269	CCAGGGCC C AUGGGACG	2008	CGUCCCAU CUGAUGAG GCCGUUAGGC CGAA IGCCCUGG	17316
3270	CAGGGCCC A UGGGACGA	2009	UCGUCCCA CUGAUGAG GCCGUUAGGC CGAA IGGCCCUG	17317
3283	ACGAAGGC C GGGUAGAG	2010	CUCUACCC CUGAUGAG GCCGUUAGGC CGAA ICCUUCGU	17318
3298	AGAUUGAC U UCGAUUAC	2011	GUAAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCAAUCU	17319
3307	UCGAUUAC U GCCCAGGA	2012	UCCUGGGC CUGAUGAG GCCGUUAGGC CGAA IUAAUCGA	17320
3310	AUUACUGC C CAGGAACU	2013	AGUUCCUG CUGAUGAG GCCGUUAGGC CGAA ICAGUAAU	17321
3311	UUACUGCC C AGGAACUA	2014	UAGUUCCU CUGAUGAG GCCGUUAGGC CGAA IGCAGUAA	17322
3312	UACUGCCC A GGAACUAC	2015	GUAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGGCAGUA	17323
3318	CCAGGAAC U ACGGUCAC	2016	GUGACCGU CUGAUGAG GCCGUUAGGC CGAA IUUCCUGG	17324
3325	CUACGGUC A CCCUGAGU	2017	ACUCAGGG CUGAUGAG GCCGUUAGGC CGAA IACCGUAG	17325
3327	ACGGUCAC C CUGAGUGA	2018	UCACUCAG CUGAUGAG GCCGUUAGGC CGAA IUGACCGU	17326
3328	CGGUCACC C UGAGUGAG	2019	CUCACUCA CUGAUGAG GCCGUUAGGC CGAA IGUGACCG	17327
3329	GGUCACCC U GAGUGAGA	2020	UCUCACUC CUGAUGAG GCCGUUAGGC CGAA IGGUGACC	17328

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	T	1 2222	·	
3298	AGAUUGAC U UCGAUUAC	2011	GUAAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCAAUCU	17319
3307	UCGAUUAC U GCCCAGGA	2012	UCCUGGGC CUGAUGAG GCCGUUAGGC CGAA IUAAUCGA	17320
3310	AUUACUGC C CAGGAACU	2013	AGUUCCUG CUGAUGAG GCCGUUAGGC CGAA ICAGUAAU	17321
3311	UUACUGCC C AGGAACUA	2014	UAGUUCCU CUGAUGAG GCCGUUAGGC CGAA IGCAGUAA	17322
3312	UACUGCCC A GGAACUAC	2015	GUAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGGCAGUA	17323
3318	CCAGGAAC U ACGGUCAC	2016	GUGACCGU CUGAUGAG GCCGUUAGGC CGAA IUUCCUGG	17324
3325	CUACGGUC A CCCUGAGU	2017	ACUCAGGG CUGAUGAG GCCGUUAGGC CGAA IACCGUAG	17325
3327	ACGGUCAC C CUGAGUGA	2018	UCACUCAG CUGAUGAG GCCGUUAGGC CGAA IUGACCGU	
3328	CGGUCACC C UGAGUGAG	2019		17326
3329	GGUCACCC U GAGUGAGA	2020		17327
			UCUCACUC CUGAUGAG GCCGUUAGGC CGAA IGGUGACC	17328
3340	GUGAGAGC U GCGGACAC	2021	GUGUCCGC CUGAUGAG GCCGUUAGGC CGAA ICUCUCAC	17329
3347	CUGCGGAC A CCGUGGAC	2022	GUCCACGG CUGAUGAG GCCGUUAGGC CGAA IUCCGCAG	17330
3349	GCGGACAC C GUGGACCU	2023	AGGUCCAC CUGAUGAG GCCGUUAGGC CGAA IUGUCCGC	17331
3356	CCGUGGAC C UGCCACUC	2024	GAGUGGCA CUGAUGAG GCCGUUAGGC CGAA IUCCACGG	17332
3357	CGUGGACC U GCCACUCG	2025	CGAGUGGC CUGAUGAG GCCGUUAGGC CGAA IGUCCACG	17333
3360	GGACCUGC C ACUCGCAC	2026	GUGCGAGU CUGAUGAG GCCGUUAGGC CGAA ICAGGUCC	17334
3361	GACCUGCC A CUCGCACC	2027	GGUGCGAG CUGAUGAG GCCGUUAGGC CGAA IGCAGGUC	17335
3363	CCUGCCAC U CGCACCAC	2028	GUGGUGCG CUGAUGAG GCCGUUAGGC CGAA IUGGCAGG	17336
3367	CCACUCGC A CCACCACA	2029	UGUGGUGG CUGAUGAG GCCGUUAGGC CGAA ICGAGUGG	17337
3369	ACUCGCAC C ACCACAGA	2030	UCUGUGGU CUGAUGAG GCCGUUAGGC CGAA IUGCGAGU	
3370	CUCGCACC A CCACAGAG	2031	CUCUGUGG CUGAUGAG GCCGUUAGGC CGAA IGUGCGAG	17338
3372	CGCACCAC C ACAGAGAG	2032		17339
3373			CUCUCUGU CUGAUGAG GCCGUUAGGC CGAA IUGGUGCG	17340
	GCACCACC A CAGAGAGC	2033	GCUCUCUG CUGAUGAG GCCGUUAGGC CGAA IGUGGUGC	17341
3375	ACCACCAC A GAGAGCGG	2034	CCGCUCUC CUGAUGAG GCCGUUAGGC CGAA IUGGUGGU	17342
3396	UUGAUAAC A GAUUGGUG	2035	CACCAAUC CUGAUGAG GCCGUUAGGC CGAA IUUAUCAA	17343
3406	AUUGGUGC U GCAGGAGC	2036	GCUCCUGC CUGAUGAG GCCGUUAGGC CGAA ICACCAAU	17344
3409	GGUGCUGC A GGAGCUGC	2037	GCAGCUCC CUGAUGAG GCCGUUAGGC CGAA ICAGCACC	17345
3415	GCAGGAGC U GCACCUUA	2038	UAAGGUGC CUGAUGAG GCCGUUAGGC CGAA ICUCCUGC	17346
3418	GGAGCUGC A CCUUACCA	2039	UGGUAAGG CUGAUGAG GCCGUUAGGC CGAA ICAGCUCC	17347
3420	AGCUGCAC C UUACCACC	2040	GGUGGUAA CUGAUGAG GCCGUUAGGC CGAA IUGCAGCU	17348
3421	GCUGCACC U UACCACCA	2041	UGGUGGUA CUGAUGAG GCCGUUAGGC CGAA IGUGCAGC	17349
3425	CACCUUAC C ACCACUGC	2042	GCAGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAGGUG	
3426	ACCUUACC A CCACUGCG	2043	CGCAGUGG CUGAUGAG GCCGUUAGGC CGAA IGUAAGGU	17350
3428	CUUACCAC C ACUGCGCU	2044		17351
3429			AGCGCAGU CUGAUGAG GCCGUUAGGC CGAA IUGGUAAG	17352
3431	UUACCACC A CUGCGCUA	2045	UAGCGCAG CUGAUGAG GCCGUUAGGC CGAA IGUGGUAA	17353
	ACCACCAC U GCGCUACC	2046	GGUAGCGC CUGAUGAG GCCGUUAGGC CGAA IUGGUGGU	17354
3436	CACUGCGC U ACCAAACU	2047	AGUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICGCAGUG	17355
3439	UGCGCUAC C AAACUGAC	2048	GUCAGUUU CUGAUGAG GCCGUUAGGC CGAA IUAGCGCA	17356
3440	GCGCUACC A AACUGACA	2049	UGUCAGUU CUGAUGAG GCCGUUAGGC CGAA IGUAGCGC	17357
3444	UACCAAAC U GACAGCGG	2050	CCGCUGUC CUGAUGAG GCCGUUAGGC CGAA IUUUGGUA	17358
3448	AAACUGAC A GCGGCUGU	2051	ACAGCCGC CUGAUGAG GCCGUUAGGC CGAA IUCAGUUU	17359
3454	ACAGCGGC U GUUGGUAU	2052	AUACCAAC CUGAUGAG GCCGUUAGGC CGAA ICCGCUGU	17360
3475	UGGAGAUC A GACCACAG	2053	CUGUGGUC CUGAUGAG GCCGUUAGGC CGAA IAUCUCCA	17361
3479	GAUCAGAC C ACAGAGAC	2054	GUCUCUGU CUGAUGAG GCCGUUAGGC CGAA IUCUGAUC	17362
3480	AUCAGACC A CAGAGACA	2055	UGUCUCUG CUGAUGAG GCCGUUAGGC CGAA IGUCUGAU	17363
3482	CAGACCAC A GAGACAUG	2056	CAUGUCUC CUGAUGAG GCCGUUAGGC CGAA IGGCUGAG	
3488	ACAGAGAC A UGAUGAAA	2057	UUUCAUCA CUGAUGAG GCCGUUAGGC CGAA IUGGUCUGU	17364
3501	GAAAAGAC C CUCGUGCA			17365
		2058	UGCACGAG CUGAUGAG GCCGUUAGGC CGAA IUCUUUUC	17366
3502	AAAAGACC C UCGUGCAG	2059	CUGCACGA CUGAUGAG GCCGUUAGGC CGAA IGUCUUUU	17367
3503	AAAGACCC U CGUGCAGU	2060	ACUGCACG CUGAUGAG GCCGUUAGGC CGAA IGGUCUUU	17368
3509	CCUCGUGC A GUCACAAG	2061	CUUGUGAC CUGAUGAG GCCGUUAGGC CGAA ICACGAGG	17369
3513	GUGCAGUC A CAAGUGAA	2062	UUCACUUG CUGAUGAG GCCGUUAGGC CGAA IACUGCAC	17370
3515	GCAGUCAC A AGUGAAUG	2063	CAUUCACU CUGAUGAG GCCGUUAGGC CGAA IUGACUGC	17371
3525	GUGAAUGC U UAUAAUGC	2064	GCAUUAUA CUGAUGAG GCCGUUAGGC CGAA ICAUUCAC	17372
3534	UAUAAUGC U GAUAUGAU	2065	AUCAUAUC CUGAUGAG GCCGUUAGGC CGAA ICAUUAUA	17373
3547	UGAUUGAC C CUUUUCAG	2066	CUGAAAAG CUGAUGAG GCCGUUAGGC CGAA IUCAAUCA	17374
3548	GAUUGACC C UUUUCAGU	2067	ACUGAAAA CUGAUGAG GCCGUUAGGC CGAA IGUCAAUC	
3549	AUUGACCC U UUUCAGUU	2068	AACUGAAA CUGAUGAG GCCGUUAGGC CGAA IGGCAAU	17375
3554	CCCUUUUC A GUUGGGCC	2069		17376
3562	AGUUGGGC C UUCUGGUC		GCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAAAAGGG	17377
3563		2070	GACCAGAA CUGAUGAG GCCGUUAGGC CGAA ICCCAACU	17378
3303	GUUGGGCC U UCUGGUCG	2071	CGACCAGA CUGAUGAG GCCGUUAGGC CGAA IGCCCAAC	17379

3566	GGGCCUUC U GGUCGUGU	2072	ACACGACC CUGAUGAG GCCGUUAGGC CGAA IAAGGCCC	17380
3577	UCGUGUUC U UGGCCACC	2073	GGUGGCCA CUGAUGAG GCCGUUAGGC CGAA IAACACGA	17381
3582	UUCUUGGC C ACCCAGGA	2074	UCCUGGGU CUGAUGAG GCCGUUAGGC CGAA ICCAAGAA	17382
3583	UCUUGGCC A CCCAGGAG	2075	CUCCUGGG CUGAUGAG GCCGUUAGGC CGAA IGCCAAGA	17383
3585	UUGGCCAC C CAGGAGGU	2076	ACCUCCUG CUGAUGAG GCCGUUAGGC CGAA IUGGCCAA	17384
3586	UGGCCACC C AGGAGGUC	2077	GACCUCCU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCA	17385
3587	GGCCACCC A GGAGGUCC	2078	GGACCUCC CUGAUGAG GCCGUUAGGC CGAA IGGUGGCC	+
3595	AGGAGGUC C UUCGCAAG	2079	CUUGCGAA CUGAUGAG GCCGUUAGGC CGAA IACCUCCU	17386
3596	GGAGGUCC U UCGCAAGA	2080	UCUUGCGA CUGAUGAG GCCGUUAGGC CGAA IGACCUCC	17387
3601	UCCUUCGC A AGAGGUGG	2081	CCACCUCU CUGAUGAG GCCGUUAGGC CGAA ICGAAGGA	17388
3612	AGGUGGAC A GCCAAGAU	2082	AUCUUGGC CUGAUGAG GCCGUUAGGC CGAA IUCCACCU	17389
3615	UGGACAGC C AAGAUCAG	2083	CUGAUCUU CUGAUGAG GCCGUUAGGC CGAA ICUGUCCA	17390
3616	GGACAGCC A AGAUCAGC	2084		17391
3622	CCAAGAUC A GCAUGCCA	2085	GCUGAUCU CUGAUGAG GCCGUUAGGC CGAA IGCUGUCC	17392
3625			UGGCAUGC CUGAUGAG GCCGUUAGGC CGAA IAUCUUGG	17393
3629	AGAUCAGC A UGCCAGCU	2086	AGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAUCU	17394
3630	CAGCAUGC C AGCUAUAC	2087	GUAUAGCU CUGAUGAG GCCGUUAGGC CGAA ICAUGCUG	17395
3633	AGCAUGCC A GCUAUACU	2088	AGUAUAGC CUGAUGAG GCCGUUAGGC CGAA IGCAUGCU	17396
	AUGCCAGC U AUACUGAU	2089	AUCAGUAU CUGAUGAG GCCGUUAGGC CGAA ICUGGCAU	17397
3638	AGCUAUAC U GAUUGCUC	2090	GAGCAAUC CUGAUGAG GCCGUUAGGC CGAA IUAUAGCU	17398
3645	CUGAUUGC U CUGCUAGU	2091	ACUAGCAG CUGAUGAG GCCGUUAGGC CGAA ICAAUCAG	17399
3647	GAUUGCUC U GCUAGUCC	2092	GGACUAGC CUGAUGAG GCCGUUAGGC CGAA IAGCAAUC	17400
3650	UGCUCUGC U AGUCCUGG	2093	CCAGGACU CUGAUGAG GCCGUUAGGC CGAA ICAGAGCA	17401
3655	UGCUAGUC C UGGUGUUU	2094	AAACACCA CUGAUGAG GCCGUUAGGC CGAA IACUAGCA	17402
3656	GCUAGUCC U GGUGUUUG	2095	CAAACACC CUGAUGAG GCCGUUAGGC CGAA IGACUAGC	17403
3670	UUGGGGGC A UUACUUAC	2096	GUAAGUAA CUGAUGAG GCCGUUAGGC CGAA ICCCCCAA	17404
3675	GGCAUUAC U UACACUGA	2097	UCAGUGUA CUGAUGAG GCCGUUAGGC CGAA IUAAUGCC	17405
3679	UUACUUAC A CUGAUGUG	2098	CACAUCAG CUGAUGAG GCCGUUAGGC CGAA IUAAGUAA	17406
3681	ACUUACAC U GAUGUGUU	2099	AACACAUC CUGAUGAG GCCGUUAGGC CGAA IUGUAAGU	17407
3694	UGUUACGC U AUGUCAUC	2100	GAUGACAU CUGAUGAG GCCGUUAGGC CGAA ICGUAACA	17408
3700	GCUAUGUC A UCUUGGUG	2101	CACCAAGA CUGAUGAG GCCGUUAGGC CGAA IACAUAGC	17409
3703	AUGUCAUC U UGGUGGGG	2102	CCCCACCA CUGAUGAG GCCGUUAGGC CGAA IAUGACAU	17410
3714	GUGGGGC A GCUUUCGC	2103	GCGAAAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCCAC	17411
3717	GGGGCAGC U UUCGCAGA	2104	UCUGCGAA CUGAUGAG GCCGUUAGGC CGAA ICUGCCCC	17412
3723	GCUUUCGC A GAAUCUAA	2105	UUAGAUUC CUGAUGAG GCCGUUAGGC CGAA ICGAAAGC	17413
3729	GCAGAAUC U AAUUCGGG	2106	CCCGAAUU CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC	17414
3752	CGUGGUAC A CUUGGCGC	2107	GCGCCAAG CUGAUGAG GCCGUUAGGC CGAA IUACCACG	17415
3754	UGGUACAC U UGGCGCUC	2108	GAGCGCCA CUGAUGAG GCCGUUAGGC CGAA IUGUACCA	17416
3761	CUUGGCGC U CAUGGCGA	2109	UCGCCAUG CUGAUGAG GCCGUUAGGC CGAA ICGCCAAG	17417
3763	UGGCGCUC A UGGCGACC	2110	GGUCGCCA CUGAUGAG GCCGUUAGGC CGAA IAGCGCCA	17418
3771	AUGGCGAC C UUCAAGAU	2111	AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IUCGCCAU	17419
3772	UGGCGACC U UCAAGAUA	2112	UAUCUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGCCA	17420
3775	CGACCUUC A AGAUACAA	2113	UUGUAUCU CUGAUGAG GCCGUUAGGC CGAA IAAGGUCG	17421
3782	CAAGAUAC A ACCAGUGU	2114	ACACUGGU CUGAUGAG GCCGUUAGGC CGAA IUAUCUUG	17422
3785	GAUACAAC C AGUGUUUA	2115	UAAACACU CUGAUGAG GCCGUUAGGC CGAA IUUGUAUC	17423
3786	AUACAACC A GUGUUUAU	2116	AUAAACAC CUGAUGAG GCCGUUAGGC CGAA IGUUGUAU	17424
3801	AUGGUGGC A UCGUUUCU	2117	AGAAACGA CUGAUGAG GCCGUUAGGC CGAA ICCACCAU	17425
3809	AUCGUUUC U CAAAGCGA	2118	UCGCUUUG CUGAUGAG GCCGUUAGGC CGAA IAAACGAU	17425
3811	CGUUUCUC A AAGCGAGA	2119	UCUCGCUU CUGAUGAG GCCGUUAGGC CGAA IAGAAACG	
3825	AGAUGGAC C AACCAGGA	2120	UCCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUCU	17427
3826	GAUGGACC A ACCAGGAG	2121	CUCCUGGU CUGAUGAG GCCGUUAGGC CGAA IUCCAUCU	17428
3829	GGACCAAC C AGGAGAAC	2122	GUUCUCCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUCC	17429
3830	GACCAACC A GGAGAACA	2123		17430
3838	AGGAGAAC A UUUUGUUG	2123	UGUUCUCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUC	17431
3858	UUGGCGGC U GUUUUCUU	2125	CAACAAAA CUGAUGAG GCCGUUAGGC CGAA IUUCUCCU	17432
3865	CUGUUUUC U UUCAAAUG	2126	AAGAAAAC CUGAUGAG GCCGUUAGGC CGAA ICCGCCAA	17433
3869	UUUCUUUC A AAUGGCUU		CAUUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAAACAG	17434
3876	CAAAUGGC U UAUCACGA	2127	AAGCCAUU CUGAUGAG GCCGUUAGGC CGAA IAAAGAAA	17435
3881	GGCUUAUC A CGAUGCCC	2128	UCGUGAUA CUGAUGAG GCCGUUAGGC CGAA ICCAUUUG	17436
3888	CACGAUGC C CGCCAAAU	2129	GGGCAUCG CUGAUGAG GCCGUUAGGC CGAA IAUAAGCC	17437
		2130	AUUUGGCG CUGAUGAG GCCGUUAGGC CGAA ICAUCGUG	17438
3889	ACGAUGCC C GCCAAAUU AUGCCCGC C AAAUUCUG	2131	AAUUUGGC CUGAUGAG GCCGUUAGGC CGAA IGCAUCGU	17439
3892	AUGUCUGE C AAAUUUUG	2132	CAGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGGGCAU	17440

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3893	UGCCCGCC A AAUUCUGC	2133	GCAGAAUU CUGAUGAG GCCGUUAGGC CGAA IGCGGGCA	17441
3899	CCAAAUUC U GCUCUGGG	2134	CCCAGAGC CUGAUGAG GCCGUUAGGC CGAA IAAUUUGG	17442
	AAUUCUGC U CUGGGAGA	2135	UCUCCCAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAUU	
3902				17443
3904	UUCUGCUC U GGGAGAUC	2136	GAUCUCCC CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA	17444
3913	GGGAGAUC C CUGAUGUG	2137	CACAUCAG CUGAUGAG GCCGUUAGGC CGAA IAUCUCCC	17445
3914	GGAGAUCC C UGAUGUGU	2138	ACACAUCA CUGAUGAG GCCGUUAGGC CGAA IGAUCUCC	17446
3915	GAGAUCCC U GAUGUGUU	2139	AACACAUC CUGAUGAG GCCGUUAGGC CGAA IGGAUCUC	17447
3930	UUGAAUUC A CUGGCGGU	2140	ACCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAUUCAA	17448
3932	GAAUUCAC U GGCGGUAG	2141	CUACCGCC CUGAUGAG GCCGUUAGGC CGAA IUGAAUUC	17449
3942	GCGGUAGC U UGGAUGAU	2142	AUCAUCCA CUGAUGAG GCCGUUAGGC CGAA ICUACCGC	17450
3953	GAUGAUAC U GAGAGCCA	2143	UGGCUCUC CUGAUGAG GCCGUUAGGC CGAA IUAUCAUC	17451
3960	CUGAGAGC C AUAACAUU	2144	AAUGUUAU CUGAUGAG GCCGUUAGGC CGAA ICUCUCAG	17452
3961	UGAGAGCC A UAACAUUC	2145	GAAUGUUA CUGAUGAG GCCGUUAGGC CGAA IGCUCUCA	17453
3966	GCCAUAAC A UUCACAAC	2146	GUUGUGAA CUGAUGAG GCCGUUAGGC CGAA IUUAUGGC	17454
3970	UAACAUUC A CAACGACA	2147	UGUCGUUG CUGAUGAG GCCGUUAGGC CGAA IAAUGUUA	17455
3972	ACAUUCAC A ACGACAUC	2148	GAUGUCGU CUGAUGAG GCCGUUAGGC CGAA IUGAAUGU	17456
3978	ACAACGAC A UCAAACGU	2149	ACGUUUGA CUGAUGAG GCCGUUAGGC CGAA IUCGUUGU	17457
3981	ACGACAUC A AACGUGGU	2150	ACCACGUU CUGAUGAG GCCGUUAGGC CGAA IAUGUCGU	
3995	GGUUGUUC C GCUGCUAG	2150	CUAGCAGC CUGAUGAG GCCGUUAGGC CGAA IAACAACC	17458
				17459
3998	UGUUCCGC U GCUAGCCC	2152	GGGCUAGC CUGAUGAG GCCGUUAGGC CGAA ICGGAACA	17460
4001	UCCGCUGC U AGCCCUGC	2153	GCAGGGCU CUGAUGAG GCCGUUAGGC CGAA ICAGCGGA	17461
4005	CUGCUAGC C CUGCUAAC	2154	GUUAGCAG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAG	17462
4006	UGCUAGCC C UGCUAACA	2155	UGUUAGCA CUGAUGAG GCCGUUAGGC CGAA IGCUAGCA	17463
4007	GCUAGCCC U GCUAACAC	2156	GUGUUAGC CUGAUGAG GCCGUUAGGC CGAA IGGCUAGC	17464
4010	AGCCCUGC U AACACCCG	2157	CGGGUGUU CUGAUGAG GCCGUUAGGC CGAA ICAGGGCU	17465
4014	CUGCUAAC A CCCGGGCU	2158	AGCCCGGG CUGAUGAG GCCGUUAGGC CGAA IUUAGCAG	17466
4016	GCUAACAC C CGGGCUGA	2159	UCAGCCCG CUGAUGAG GCCGUUAGGC CGAA IUGUUAGC	17467
4017	CUAACACC C GGGCUGAG	2160	CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA IGUGUUAG	17468
4022	ACCCGGGC U GAGAUGCU	2161	AGCAUCUC CUGAUGAG GCCGUUAGGC CGAA ICCCGGGU	17469
4030	UGAGAUGC U UGAAUCUG	2162	CAGAUUCA CUGAUGAG GCCGUUAGGC CGAA ICAUCUCA	17470
4037	CUUGAAUC U GGAUGUGU	2163	ACACAUCC CUGAUGAG GCCGUUAGGC CGAA IAUUCAAG	17471
4048	AUGUGUAC A GGAUACUG	2164	CAGUAUCC CUGAUGAG GCCGUUAGGC CGAA IUACACAU	17472
4055	CAGGAUAC U GCUGUUGA	2165	UCAACAGC CUGAUGAG GCCGUUAGGC CGAA IUAUCCUG	17473
4058	GAUACUGC U GUUGAUGG	2166	CCAUCAAC CUGAUGAG GCCGUUAGGC CGAA ICAGUAUC	17474
4078	GAAUAGGC A GCUUGAUC	2167	GAUCAAGC CUGAUGAG GCCGUUAGGC CGAA ICCUAUUC	17475
4081	UAGGCAGC U UGAUCAGG	2168	CCUGAUCA CUGAUGAG GCCGUUAGGC CGAA ICUGCCUA	17476
4087	GCUUGAUC A GGGAGAAG	2169	CUUCUCCC CUGAUGAG GCCGUUAGGC CGAA IAUCAAGC	
4104	AGGAGUGC A GCUGCAAA	2170	UUUGCAGC CUGAUGAG GCCGUUAGGC CGAA ICACUCCU	17477
4107	AGUGCAGC U GCAAAAAA			17478
		2171	UUUUUUGC CUGAUGAG GCCGUUAGGC CGAA ICUGCACU	17479
4110	GCAGCUGC A AAAAAGAA	2172	UUCUUUUU CUGAUGAG GCCGUUAGGC CGAA ICAGCUGC	17480
4125	AAAGGAGC A AGUCUGCU	2173	AGCAGACU CUGAUGAG GCCGUUAGGC CGAA ICUCCUUU	17481
4130	AGCAAGUC U GCUAUGCU	2174	AGCAUAGC CUGAUGAG GCCGUUAGGC CGAA IACUUGCU	17482
4133	AAGUCUGC U AUGCUUGG	2175	CCAAGCAU CUGAUGAG GCCGUUAGGC CGAA ICAGACUU	17483
4138	UGCUAUGC U UGGCUCUA	2176	UAGAGCCA CUGAUGAG GCCGUUAGGC CGAA ICAUAGCA	17484
4143	UGCUUGGC U CUAGCCUC	2177	GAGGCUAG CUGAUGAG GCCGUUAGGC CGAA ICCAAGCA	17485
4145	CUUGGCUC U AGCCUCAA	2178	UUGAGGCU CUGAUGAG GCCGUUAGGC CGAA IAGCCAAG	17486
4149	GCUCUAGC C UCAACAGG	2179	CCUGUUGA CUGAUGAG GCCGUUAGGC CGAA ICUAGAGC	17487
4150	CUCUAGCC U CAACAGGA	2180	UCCUGUUG CUGAUGAG GCCGUUAGGC CGAA IGCUAGAG	17488
4152	CUAGCCUC A ACAGGACU	2181	AGUCCUGU CUGAUGAG GCCGUUAGGC CGAA IAGGCUAG	17489
4155	GCCUCAAC A GGACUUUU	2182	AAAAGUCC CUGAUGAG GCCGUUAGGC CGAA IUUGAGGC	17490
4160	AACAGGAC U UUUCAACC	2183	GGUUGAAA CUGAUGAG GCCGUUAGGC CGAA IUCCUGUU	17491
4165	GACUUUUC A ACCCCAUG	2184	CAUGGGGU CUGAUGAG GCCGUUAGGC CGAA IAAAAGUC	17492
4168	UUUUCAAC C CCAUGAUC	2185	GAUCAUGG CUGAUGAG GCCGUUAGGC CGAA IUUGAAAA	17493
4169	UUUCAACC C CAUGAUCC	2186	GGAUCAUG CUGAUGAG GCCGUUAGGC CGAA IGUUGAAA	17494
4170	UUCAACCC C AUGAUCCU	2187	AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA IGGUUGAA	17495
4171	UCAACCC A UGAUCCUU	2188	AAGGAUCA CUGAUGAG GCCGUUAGGC CGAA IGGGUUGA	17496
4177	CCAUGAUC C UUGCUGCU	2189	AGCAGCAA CUGAUGAG GCCGUUAGGC CGAA IAUCAUGG	17497
4178	CAUGAUCC U UGCUGCUG	2190	CAGCAGCA CUGAUGAG GCCGUUAGGC CGAA IGAUCAUG	17498
4182	AUCCUUGC U GCUGGACU	2191	AGUCCAGC CUGAUGAG GCCGUUAGGC CGAA IGADCAUG	
4185	CUUGCUGC U GGACUGAU	2192		17499
4190	UGCUGGAC U GAUUGCAU	2192	AUCAGUCC CUGAUGAG GCCGUUAGGC CGAA ICAGCAAG	17500
المحت	TOTOGUA O GAOOGUAO	2193	AUGCAAUC CUGAUGAG GCCGUUAGGC CGAA IUCCAGCA	17501

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			1 adie 1 v	
4266	AUGUUUGC C AUCGUCGG	2207	CCGACGAU CUGAUGAG GCCGUUAGGC CGAA ICAAACAU	17515
4267	UGUUUGCC A UCGUCGGA	2208	UCCGACGA CUGAUGAG GCCGUUAGGC CGAA IGCAAACA	17516
4280	CGGAGGGC U GGCAGAGC	2209	GCUCUGCC CUGAUGAG GCCGUUAGGC CGAA ICCCUCCG	17517
4284	GGGCUGGC A GAGCUUGA	2210	UCAAGCUC CUGAUGAG GCCGUUAGGC CGAA ICCAGCCC	
4289	GGCAGAGC U UGACAUUG	2211	CAAUGUCA CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC	17518
4294	AGCUUGAC A UUGACUCC	2212		17519
4300	ACAUUGAC U CCAUGGCC	2213	GGAGUCAA CUGAUGAG GCCGUUAGGC CGAA IUCAAGCU	17520
4302	 		GGCCAUGG CUGAUGAG GCCGUUAGGC CGAA IUCAAUGU	17521
	AUUGACUC C AUGGCCAU	2214	AUGGCCAU CUGAUGAG GCCGUUAGGC CGAA IAGUCAAU	17522
4303	UUGACUCC A UGGCCAUU	2215	AAUGGCCA CUGAUGAG GCCGUUAGGC CGAA IGAGUCAA	17523
4308	UCCAUGGC C AUUCCAAU	2216	AUUGGAAU CUGAUGAG GCCGUUAGGC CGAA ICCAUGGA	17524
4309	CCAUGGCC A UUCCAAUG	2217	CAUUGGAA CUGAUGAG GCCGUUAGGC CGAA IGCCAUGG	17525
4313	GGCCAUUC C AAUGACUA	2218	UAGUCAUU CUGAUGAG GCCGUUAGGC CGAA IAAUGGCC	17526
4314	GCCAUUCC A AUGACUAU	2219	AUAGUCAU CUGAUGAG GCCGUUAGGC CGAA IGAAUGGC	17527
4320	CCAAUGAC U AUCGCGGG	2220	CCCGCGAU CUGAUGAG GCCGUUAGGC CGAA IUCAUUGG	17528
4331	CGCGGGGC U CAUGUUUG	2221	CAAACAUG CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG	17529
4333	CGGGGCUC A UGUUUGCU	2222	AGCAAACA CUGAUGAG GCCGUUAGGC CGAA IAGCCCCG	17530
4341	AUGUUUGC U GCUUUCGU	2223	ACGAAAGC CUGAUGAG GCCGUUAGGC CGAA ICAAACAU	
4344	UUUGCUGC U UUCGUGAU	2224	AUCACGAA CUGAUGAG GCCGUUAGGC CGAA ICAGCAAA	17531
4356	GUGAUUUC U GGGAAAUC	2225	GAUUUCCC CUGAUGAG GCCGUUAGGC CGAA IAAAUCAC	17532
4365	GGGAAAUC A ACAGAUAU	2226		17533
4368	AAAUCAAC A GAUAUGUG	2227	AUAUCUGU CUGAUGAG GCCGUUAGGC CGAA IAUUUCCC	17534
4396			CACAUAUC CUGAUGAG GCCGUUAGGC CGAA IUUGAUUU	17535
4401	CGGCGGAC A UUUCCUGG	2228	CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA IUCCGCCG	17536
-	GACAUUUC C UGGGAAAG	2229	CUUUCCCA CUGAUGAG GCCGUUAGGC CGAA IAAAUGUC	17537
4402	ACAUUUCC U GGGAAAGU	2230	ACUUUCCC CUGAUGAG GCCGUUAGGC CGAA IGAAAUGU	17538
4416	AGUGAUGC A GAAAUUAC	2231	GUAAUUUC CUGAUGAG GCCGUUAGGC CGAA ICAUCACU	17539
4425	GAAAUUAC A GGCUCGAG	2232	CUCGAGCC CUGAUGAG GCCGUUAGGC CGAA IUAAUUUC	17540
4429	UUACAGGC U CGAGCGAA	2233	UUCGCUCG CUGAUGAG GCCGUUAGGC CGAA ICCUGUAA	17541
4454	UGUGCGGC U UGAUGAUG	2234	CAUCAUCA CUGAUGAG GCCGUUAGGC CGAA ICCGCACA	17542
4471	AUGGAAAC U UCCAGCUC	2235	GAGCUGGA CUGAUGAG GCCGUUAGGC CGAA IUUUCCAU	17543
4474	GAAACUUC C AGCUCAUG	2236	CAUGAGCU CUGAUGAG GCCGUUAGGC CGAA IAAGUUUC	17544
4475	AAACUUCC A GCUCAUGA	2237	UCAUGAGC CUGAUGAG GCCGUUAGGC CGAA IGAAGUUU	17545
4478	CUUCCAGC U CAUGAAUG	2238	CAUUCAUG CUGAUGAG GCCGUUAGGC CGAA ICUGGAAG	17546
4480	UCCAGCUC A UGAAUGAU	2239	AUCAUUCA CUGAUGAG GCCGUUAGGC CGAA IAGCUGGA	
4490	GAAUGAUC C AGGAGCAC	2240	GUGCUCCU CUGAUGAG GCCGUUAGGC CGAA IAUCAUUC	17547
4491	AAUGAUCC A GGAGCACC	2241	GGUGCUCC CUGAUGAG GCCGUUAGGC CGAA IGAUCAUU	17548
4497	CCAGGAGC A CCUUGGAA	2242		17549
4499	AGGAGCAC C UUGGAAGA	2243		17550
4500	GGAGCACC U UGGAAGAU	2244	UCUUCCAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCCU	17551
4517	AUGGAUGC U CAGAAUGG		AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCC	17552
4519	GGAUGCUC A GAAUGGUC	2245	CCAUUCUG CUGAUGAG GCCGUUAGGC CGAA ICAUCCAU	17553
		2246	GACCAUUC CUGAUGAG GCCGUUAGGC CGAA IAGCAUCC	17554
4528	GAAUGGUC U GUCUCGCG	2247	CGCGAGAC CUGAUGAG GCCGUUAGGC CGAA IACCAUUC	17555
4532	GGUCUGUC U CGCGAUUA	2248	UAAUCGCG CUGAUGAG GCCGUUAGGC CGAA IACAGACC	17556
4549	GUGCGUAC A CCCCCUGG	2249	CCAGGGGG CUGAUGAG GCCGUUAGGC CGAA IUACGCAC	17557
4551	GCGUACAC C CCCUGGGC	2250	GCCCAGGG CUGAUGAG GCCGUUAGGC CGAA IUGUACGC	17558
4552	CGUACACC C CCUGGGCA	2251	UGCCCAGG CUGAUGAG GCCGUUAGGC CGAA IGUGUACG	17559
4553	GUACACCC C CUGGGCAA	2252	UUGCCCAG CUGAUGAG GCCGUUAGGC CGAA IGGUGUAC	17560
4554	UACACCCC C UGGGCAAU	2253	AUUGCCCA CUGAUGAG GCCGUUAGGC CGAA IGGGUGUA	17561
4555	ACACCCCC U GGGCAAUC	2254	GAUUGCCC CUGAUGAG GCCGUUAGGC CGAA IGGGGUGU	17562
4560	CCCUGGGC A AUCUUGCC	2255	GGCAAGAU CUGAUGAG GCCGUUAGGC CGAA ICCCAGGG	17563
4564	GGGCAAUC U UGCCCUCA	2256	UGAGGGCA CUGAUGAG GCCGUUAGGC CGAA IAUUGCCC	17564
4568	AAUCUUGC C CUCAGUAG	2257	CUACUGAG CUGAUGAG GCCGUUAGGC CGAA ICAAGAUU	
4569	AUCUUGCC C UCAGUAGU	2258	ACUACUGA CUGAUGAG GCCGUUAGGC CGAA ICAAGAU	17565
4570	UCUUGCCC U CAGUAGUU	2259	AACUACUG CUGAUGAG GCCGUUAGGC CGAA IGCAAGAU	17566
4572	UUGCCCUC A GUAGUUGG	2260	CCAACUAC CUGAUGAG GCCGUUAGGC CGAA IAGGGCAA	17567
4593	UGGAUAAC U CUCCAAUA	2261		17568
4595	GAUAACUC U CCAAUACA	2262	UAUUGGAG CUGAUGAG GCCGUUAGGC CGAA IUUAUCCA	17569
4597	UAACUCUC C AAUACACA		UGUAUUGG CUGAUGAG GCCGUUAGGC CGAA IAGUUAUC	17570
4598	AACUCUCC A AUACACAA	2263	UGUGUAUU CUGAUGAG GCCGUUAGGC CGAA IAGAGUUA	17571
4603		2264	UUGUGUAU CUGAUGAG GCCGUUAGGC CGAA IGAGAGUU	17572
	UCCAAUAC A CAAAGAGA	2265	UCUCUUUG CUGAUGAG GCCGUUAGGC CGAA IUAUUGGA	17573
4605	CAAUACAC A AAGAGAGG	2266	CCUCUCUU CUGAUGAG GCCGUUAGGC CGAA IUGUAUUG	17574
4630	UGUGGGAC A CUCCCUCA	2267	UGAGGGAG CUGAUGAG GCCGUUAGGC CGAA IUCCCACA	17575
4632	UGGGACAC U CCCUCACC	2268	GGUGAGGG CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA	17576

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4634	GGACACUC C CUCACCAA	2269	UUGGUGAG CUGAUGAG GCCGUUAGGC CGAA IAGUGUCC	17577
4635	GACACUCC C UCACCAAA	2270	UUUGGUGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUC	17578
4636	ACACUCCC U CACCAAAG	2271	CUUUGGUG CUGAUGAG GCCGUUAGGC CGAA IGGAGUGU	17579
4638	ACUCCCUC A CCAAAGGA	2272	UCCUUUGG CUGAUGAG GCCGUUAGGC CGAA IAGGGAGU	17580
4640	UCCCUCAC C AAAGGAGU	2273	ACUCCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAGGGA	
4641	CCCUCACC A AAGGAGUA	2274	UACUCCUU CUGAUGAG GCCGUUAGGC CGAA IGUGAGGG	17581
4651	AGGAGUAC A AAAAGGGG	2275		17582
4663			CCCCUUUU CUGAUGAG GCCGUUAGGC CGAA IUACUCCU	17583
	AGGGGGAC A CGACCACC	2276	GGUGGUCG CUGAUGAG GCCGUUAGGC CGAA IUCCCCCU	17584
4668	GACACGAC C ACCGGCGU	2277	ACGCCGGU CUGAUGAG GCCGUUAGGC CGAA IUCGUGUC	17585
4669	ACACGACC A CCGGCGUC	2278	GACGCCGG CUGAUGAG GCCGUUAGGC CGAA IGUCGUGU	17586
4671	ACGACCAC C GGCGUCUA	2279	UAGACGCC CUGAUGAG GCCGUUAGGC CGAA IUGGUCGU	17587
4678	CCGGCGUC U ACAGGAUC	2280	GAUCCUGU CUGAUGAG GCCGUUAGGC CGAA IACGCCGG	17588
4681	GCGUCUAC A GGAUCAUG	2281	CAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IUAGACGC	17589
4687	ACAGGAUC A UGACUCGU	2282	ACGAGUCA CUGAUGAG GCCGUUAGGC CGAA IAUCCUGU	17590
4692	AUCAUGAC U CGUGGGCU	2283	AGCCCACG CUGAUGAG GCCGUUAGGC CGAA IUCAUGAU	17591
4700	UCGUGGGC U GCUCGGCA	2284	UGCCGAGC CUGAUGAG GCCGUUAGGC CGAA ICCCACGA	17592
4703	UGGGCUGC U CGGCAGUU	2285	AACUGCCG CUGAUGAG GCCGUUAGGC CGAA ICAGCCCA	
4708	UGCUCGGC A GUUAUCAA	2286	UUGAUAAC CUGAUGAG GCCGUUAGGC CGAA ICCGAGCA	17593
4715	CAGUUAUC A AGCAGGAG	2287		17594
4719	UAUCAAGC A GGAGCGGG		CUCCUGCU CUGAUGAG GCCGUUAGGC CGAA IAUAACUG	17595
4750	 	2288	CCCGCUCC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUA	17596
	GUGUUUUC C ACACCCUU	2289	AAGGGUGU CUGAUGAG GCCGUUAGGC CGAA IAAAACAC	17597
4751	UGUUUUCC A CACCCUUU	2290	AAAGGGUG CUGAUGAG GCCGUUAGGC CGAA IGAAAACA	17598
4753	UUUUCCAC A CCCUUUGG	2291	CCAAAGGG CUGAUGAG GCCGUUAGGC CGAA IUGGAAAA	17599
4755	UUCCACAC C CUUUGGCA	2292	UGCCAAAG CUGAUGAG GCCGUUAGGC CGAA IUGUGGAA	17600
4756	UCCACACC C UUUGGCAU	2293	AUGCCAAA CUGAUGAG GCCGUUAGGC CGAA IGUGUGGA	17601
4757	CCACACCC U UUGGCAUA	2294	UAUGCCAA CUGAUGAG GCCGUUAGGC CGAA IGGUGUGG	17602
4763	CCUUUGGC A UACAACAA	2295	UUGUUGUA CUGAUGAG GCCGUUAGGC CGAA ICCAAAGG	17603
4767	UGGCAUAC A ACAAAAGG	2296	CCUUUUGU CUGAUGAG GCCGUUAGGC CGAA IUAUGCCA	17604
4770	CAUACAAC A AAAGGAGC	2297	GCUCCUUU CUGAUGAG GCCGUUAGGC CGAA IUUGUAUG	17605
4779	AAAGGAGC C GCUUUGAU	2298	AUCAAAGC CUGAUGAG GCCGUUAGGC CGAA ICUCCUUU	
4782	GGAGCCGC U UUGAUGAG	2299		17606
4801	GAGAGGGC C GCCUGGAC	2300		17607
4804	AGGGCCGC C UGGACCCA	}	GUCCAGGC CUGAUGAG GCCGUUAGGC CGAA ICCCUCUC	17608
4805		2301	UGGGUCCA CUGAUGAG GCCGUUAGGC CGAA ICGGCCCU	17609
	GGGCCGCC U GGACCCAU	2302	AUGGGUCC CUGAUGAG GCCGUUAGGC CGAA IGCGGCCC	17610
4810	GCCUGGAC C CAUACUGG	2303	CCAGUAUG CUGAUGAG GCCGUUAGGC CGAA IUCCAGGC	17611
4811	CCUGGACC C AUACUGGG	2304	CCCAGUAU CUGAUGAG GCCGUUAGGC CGAA IGUCCAGG	17612
4812	CUGGACCC A UACUGGGG	2305	CCCCAGUA CUGAUGAG GCCGUUAGGC CGAA IGGUCCAG	17613
4816	ACCCAUAC U GGGGCAGU	2306	ACUGCCCC CUGAUGAG GCCGUUAGGC CGAA IUAUGGGU	17614
4822	ACUGGGGC A GUGUCAAG	2307	CUUGACAC CUGAUGAG GCCGUUAGGC CGAA ICCCCAGU	17615
4828	GCAGUGUC A AGGAGGAU	2308	AUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IACACUGC	17616
4841	GGAUCGAC U UUGUUACG	2309	CGUAACAA CUGAUGAG GCCGUUAGGC CGAA IUCGAUCC	17617
4856	CGGAGGAC C CUGGAAAU	2310	AUUUCCAG CUGAUGAG GCCGUUAGGC CGAA IUCCUCCG	17618
4857	GGAGGACC C UGGAAAUU	2311	AAUUUCCA CUGAUGAG GCCGUUAGGC CGAA IGUCCUCC	17619
4858	GAGGACCC U GGAAAUUG	2312	CAAUUUCC CUGAUGAG GCCGUUAGGC CGAA IGGUCCUC	
4868	GAAAUUGC A GCACAAGU	2313	ACUUGUGC CUGAUGAG GCCGUUAGGC CGAA ICAAUUUC	17620
4871	AUUGCAGC A CAAGUGGA	2314		17621
4873	UGCAGCAC A AGUGGAAC		UCCACUUG CUGAUGAG GCCGUUAGGC CGAA ICUGCAAU	17622
4886	GAACGGC A GGAUGAGG	2315	GUUCCACU CUGAUGAG GCCGUUAGGC CGAA IUGCUGCA	17623
4898		2316	CCUCAUCC CUGAUGAG GCCGUUAGGC CGAA ICCCGUUC	17624
	UGAGGUGC A GAUGAUUG	2317	CAAUCAUC CUGAUGAG GCCGUUAGGC CGAA ICACCUCA	17625
4916	GGUGGAAC C UGGCAAGA	2318	UCUUGCCA CUGAUGAG GCCGUUAGGC CGAA IUUCCACC	17626
4917	GUGGAACC U GGCAAGAA	2319	UUCUUGCC CUGAUGAG GCCGUUAGGC CGAA IGUUCCAC	17627
4921	AACCUGGC A AGAACGUU	2320	AACGUUCU CUGAUGAG GCCGUUAGGC CGAA ICCAGGUU	17628
4939	AGAACGUC C AGACGAAA	2321	UUUCGUCU CUGAUGAG GCCGUUAGGC CGAA IACGUUCU	17629
4940	GAACGUCC A GACGAAAC	2322	GUUUCGUC CUGAUGAG GCCGUUAGGC CGAA IGACGUUC	17630
4949	GACGAAAC C AGGGGUGU	2323	ACACCCCU CUGAUGAG GCCGUUAGGC CGAA IUUUCGUC	17631
4950	ACGAAACC A GGGGUGUU	2324	AACACCCC CUGAUGAG GCCGUUAGGC CGAA IGUUUCGU	17632
4960	GGGUGUUC A AAACACCU	2325	AGGUGUUU CUGAUGAG GCCGUUAGGC CGAA IAACACCC	17633
4965	UUCAAAAC A CCUGAAGG	2326	CCUUCAGG CUGAUGAG GCCGUUAGGC CGAA IUUUUGAA	
4967	CAAAACAC C UGAAGGAG	2327	CUCCUUCA CUGAUGAG GCCGUUAGGC CGAA TUUUUGAA	17634
4968	AAAACACC U GAAGGAGA	2328	HOUCOMIC CHEATICAS COCCUMAGES CEAR TOGUUUG	17635
4986	AUCGGGGC C GUGACUUU	2329	UCUCCUUC CUGAUGAG GCCGUUAGGC CGAA IGUGUUUU	17636
4992	GCCGUGAC U UUGGACUU	2330	AAAGUCAC CUGAUGAG GCCGUUAGGC CGAA ICCCCGAU	17637
	Joedone o Codencoo	0000	AAGUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCACGGC	17638

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4999	CUUUGGAC U UCCCCACU	2331	AGUGGGGA CUGAUGAG GCCGUUAGGC CGAA IUCCAAAG	17639
5002	UGGACUUC C CCACUGGA	2332	UCCAGUGG CUGAUGAG GCCGUUAGGC CGAA IAAGUCCA	17640
5003	GGACUUCC C CACUGGAA	2333	UUCCAGUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUCC	17641
5004	GACUUCCC C ACUGGAAC	2334	GUUCCAGU CUGAUGAG GCCGUUAGGC CGAA IGGAAGUC	17642
5005	ACUUCCCC A CUGGAACA	2335	UGUUCCAG CUGAUGAG GCCGUUAGGC CGAA IGGGAAGU	17643
5007	UUCCCCAC U GGAACAUC	2336	GAUGUUCC CUGAUGAG GCCGUUAGGC CGAA IUGGGGAA	17644
5013	ACUGGAAC A UCAGGCUC	2337	GAGCCUGA CUGAUGAG GCCGUUAGGC CGAA IUUCCAGU	
5016	GGAACAUC A GGCUCACC	2338	GGUGAGCC CUGAUGAG GCCGUUAGGC CGAA IAUGUUCC	17645
5020	CAUCAGGC U CACCAAUA	2339	UAUUGGUG CUGAUGAG GCCGUUAGGC CGAA ICCUGAUG	17646
5022	UCAGGCUC A CCAAUAGU	2340		17647
5024	AGGCUCAC C AAUAGUGG	2341		17648
5025	GGCUCACC A AUAGUGGA	2342		17649
5035	UAGUGGAC A AAAACGGU			17650
5057	GAUUGGGC U UUAUGGCA	2343	ACCGUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCACUA	17651
	 	2344	UGCCAUAA CUGAUGAG GCCGUUAGGC CGAA ICCCAAUC	17652
5065	UUUAUGGC A AUGGAGUC	2345	GACUCCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA	17653
5074	AUGGAGUC A UAAUGCCC	2346	GGGCAUUA CUGAUGAG GCCGUUAGGC CGAA IACUCCAU	17654
5081	CAUAAUGC C CAACGGCU	2347	AGCCGUUG CUGAUGAG GCCGUUAGGC CGAA ICAUUAUG	17655
5082	AUAAUGCC C AACGGCUC	2348	GAGCCGUU CUGAUGAG GCCGUUAGGC CGAA IGCAUUAU	17656
5083	UAAUGCCC A ACGGCUCA	2349	UGAGCCGU CUGAUGAG GCCGUUAGGC CGAA IGGCAUUA	17657
5089	CCAACGGC U CAUACAUA	2350	UAUGUAUG CUGAUGAG GCCGUUAGGC CGAA ICCGUUGG	17658
5091	AACGGCUC A UACAUAAG	2351	CUUAUGUA CUGAUGAG GCCGUUAGGC CGAA IAGCCGUU	17659
5095	GCUCAUAC A UAAGCGCG	2352	CGCGCUUA CUGAUGAG GCCGUUAGGC CGAA IUAUGAGC	17660
5111	GAUAGUGC A GGGUGAAA	2353	UUUCACCC CUGAUGAG GCCGUUAGGC CGAA ICACUAUC	17661
5132	GGAUGAGC C AAUCCCAG	2354	CUGGGAUU CUGAUGAG GCCGUUAGGC CGAA ICUCAUCC	17662
5133	GAUGAGCC A AUCCCAGC	2355	GCUGGGAU CUGAUGAG GCCGUUAGGC CGAA IGCUCAUC	17663
5137	AGCCAAUC C CAGCCGGA	2356	UCCGGCUG CUGAUGAG GCCGUUAGGC CGAA IAUUGGCU	17664
5138	GCCAAUCC C AGCCGGAU	2357	AUCCGGCU CUGAUGAG GCCGUUAGGC CGAA IGAUUGGC	17665
5139	CCAAUCCC A GCCGGAUU	2358	AAUCCGGC CUGAUGAG GCCGUUAGGC CGAA IGGAUUGG	17666
5142	AUCCCAGC C GGAUUCGA	2359	UCGAAUCC CUGAUGAG GCCGUUAGGC CGAA ICUGGGAU	17667
5153	AUUCGAAC C UGAGAUGC	2360	GCAUCUCA CUGAUGAG GCCGUUAGGC CGAA IUUCGAAU	
5154	UUCGAACC U GAGAUGCU	2361	AGCAUCUC CUGAUGAG GCCGUUAGGC CGAA IGUUCGAA	17668
5162	UGAGAUGC U GAGGAAAA	2362		17669
5174	GAAAAAAC A GAUCACUG	2363	CAGUGAUC CUGAUGAG GCCGUUAGGC CGAA ICAUCUCA CAGUGAUC CUGAUGAG GCCGUUAGGC CGAA IUUUUUUC	17670
5179	AACAGAUC A CUGUACUG	2364		17671
5181	CAGAUCAC U GUACUGA	2365		17672
5186	CACUGUAC U GGAUCUCC	2366	UCCAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGAUCUG	17673
5192	ACUGGAUC U CCAUCCCG	2367	GGAGAUCC CUGAUGAG GCCGUUAGGC CGAA IUACAGUG	17674
5194	UGGAUCUC C AUCCCGGC	2368	CGGGAUGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAGU	17675
5195	GGAUCUCC A UCCCGGCG	2369	GCCGGGAU CUGAUGAG GCCGUUAGGC CGAA IAGAUCCA	17676
5198	UCUCCAUC C CGGCGCCG		CGCCGGGA CUGAUGAG GCCGUUAGGC CGAA IGAGAUCC	17677
5199		2370	CGGCGCCG CUGAUGAG GCCGUUAGGC CGAA IAUGGAGA	17678
5205	CUCCAUCC C GGCGCCGG	2371	CCGGCGCC CUGAUGAG GCCGUUAGGC CGAA IGAUGGAG	17679
	CCCGGCGC C GGUAAAAC	2372	GUUUUACC CUGAUGAG GCCGUUAGGC CGAA ICGCCGGG	17680
5214	GGUAAAAC A AGGAGGAU	2373	AUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IUUUUACC	17681
5225	GAGGAUUC U GCCACAGA	2374	UCUGUGGC CUGAUGAG GCCGUUAGGC CGAA IAAUCCUC	17682
5228	GAUUCUGC C ACAGAUCA	2375	UGAUCUGU CUGAUGAG GCCGUUAGGC CGAA ICAGAAUC	17683
5229	AUUCUGCC A CAGAUCAU	2376	AUGAUCUG CUGAUGAG GCCGUUAGGC CGAA IGCAGAAU	17684
5231	UCUGCCAC A GAUCAUCA	2377	UGAUGAUC CUGAUGAG GCCGUUAGGC CGAA IUGGCAGA	17685
5236	CACAGAUC A UCAAAGAG	2378	CUCUUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCUGUG	17686
5239	AGAUCAUC A AAGAGGCC	2379	GGCCUCUU CUGAUGAG GCCGUUAGGC CGAA IAUGAUCU	17687
5247	AAAGAGGC C AUAAACAG	2380	CUGUUUAU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUU	17688
5248	AAGAGGCC A UAAACAGA	2381	UCUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGCCUCUU	17689
5254	CCAUAAAC A GAAGACUG	2382	CAGUCUUC CUGAUGAG GCCGUUAGGC CGAA IUUUAUGG	17690
5261	CAGAAGAC U GAGAACAG	2383	CUGUUCUC CUGADGAG GCCGUUAGGC CGAA IUCUUCUG	17691
5268	CUGAGAAC A GCCGUGCU	2384	AGCACGGC CUGAUGAG GCCGUUAGGC CGAA IUUCUCAG	17692
5271	AGAACAGC C GUGCUAGC	2385	GCUAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUCU	17693
5276	AGCCGUGC U AGCACCAA	2386	UUGGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACGGCU	17694
5280	GUGCUAGC A CCAACCAG	2387	CUGGUUGG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC	
5282	GCUAGCAC C AACCAGGG	2388	CCCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUGCUAGC	17695
5283	CUAGCACC A ACCAGGGU	2389	ACCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUGCUAG	17696
5286	GCACCAAC C AGGGUUGU	2390	ACAACCCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC	17697
5287	CACCAACC A GGGUUGUG	2391	CACAACCC CUGAUGAG GCCGUUAGGC CGAA IUUGGUG	17698
5298	GUUGUGGC U GCUGAGAU	2392	AUCUCAGO CUCAUCAG GOOGETT GGG GGA TGUUGGUG	17699
			AUCUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCACAAC	17700

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			18DIE I V	
5231	UCUGCCAC A GAUCAUCA	2377	UGAUGAUC CUGAUGAG GCCGUUAGGC CGAA IUGGCAGA	17685
5236	CACAGAUC A UCAAAGAG	2378	CUCUUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCUGUG	17686
5239	AGAUCAUC A AAGAGGCC	2379	GGCCUCUU CUGAUGAG GCCGUUAGGC CGAA IAUGAUCU	17687
5247	AAAGAGGC C AUAAACAG	2380	CUGUUUAU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUU	17688
5248	AAGAGGCC A UAAACAGA	2381	UCUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGCCUCUU	+
5254	CCAUAAAC A GAAGACUG	2382	CAGUCUUC CUGAUGAG GCCGUUAGGC CGAA IUUUAUGG	17689
5261	CAGAAGAC U GAGAACAG	2383		17690
5268	CUGAGAAC A GCCGUGCU			17691
		2384	AGCACGGC CUGAUGAG GCCGUUAGGC CGAA IUUCUCAG	17692
5271	AGAACAGC C GUGCUAGC	2385	GCUAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUCU	17693
5276	AGCCGUGC U AGCACCAA	2386	UUGGUGCU CUQAUGAG GCCGUUAGGC CGAA ICACGGCU	17694
5280	GUGCUAGC A CCAACCAG	2387	CUGGUUGG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC	17695
5282	GCUAGCAC C AACCAGGG	2388	CCCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUGCUAGC	17696
5283	CUAGCACC A ACCAGGGU	2389	ACCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUGCUAG	17697
5286	GCACCAAC C AGGGUUGU	2390	ACAACCCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC	17698
5287	CACCAACC A GGGUUGUG	2391	CACAACCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUG	17699
5298	GUUGUGGC U GCUGAGAU	2392	AUCUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCACAAC	17700
5301	GUGGCUGC U GAGAUGGC	2393	GCCAUCUC CUGAUGAG GCCGUUAGGC CGAA ICAGCCAC	17701
5310	GAGAUGGC U GAAGCACU	2394	AGUGCUUC CUGAUGAG GCCGUUAGGC CGAA ICCAUCUC	17702
5316	GCUGAAGC A CUGAGAGG	2395	CCUCUCAG CUGAUGAG GCCGUUAGGC CGAA ICUUCAGC	17703
5318	UGAAGCAC U GAGAGGAC	2396	GUCCUCUC CUGAUGAG GCCGUUAGGC CGAA IUGCUUCA	17704
5327	GAGAGGAC U GCCCAUCC	2397	GGAUGGGC CUGAUGAG GCCGUUAGGC CGAA IUCCUCUC	17705
5330	AGGACUGC C CAUCCGGU	2398	ACCGGAUG CUGAUGAG GCCGUUAGGC CGAA ICAGUCCU	
5331	GGACUGCC C AUCCGGUA	2399	UACCGGAU CUGAUGAG GCCGUUAGGC CGAA ICAGUCCU	17706
5332	GACUGCCC A UCCGGUAC	2400	GUACCGGA CUGAUGAG GCCGUUAGGC CGAA IGCAGUC	
5335	UGCCCAUC C GGUACCAG	2401		17708
5341	UCCGGUAC C AGACAUCC	2402		17709
5342	CCGGUACC A GACAUCCG		GGAUGUCU CUGAUGAG GCCGUUAGGC CGAA IUACCGGA	17710
5346		2403	CGGAUGUC CUGAUGAG GCCGUUAGGC CGAA IGUACCGG	17711
	UACCAGAC A UCCGCAGU	2404	ACUGCGGA CUGAUGAG GCCGUUAGGC CGAA IUCUGGUA	17712
5349	CAGACAUC C GCAGUGCC	2405	GGCACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGUCUG	17713
5352	ACAUCCGC A GUGCCCAG	2406	CUGGGCAC CUGAUGAG GCCGUUAGGC CGAA ICGGAUGU	17714
5357	CGCAGUGC C CAGAGAAC	2407	GUUCUCUG CUGAUGAG GCCGUUAGGC CGAA ICACUGCG	17715
5358	GCAGUGCC C AGAGAACA	2408	UGUUCUCU CUGAUGAG GCCGUUAGGC CGAA IGCACUGC	17716
5359	CAGUGCCC A GAGAACAU	2409	AUGUUCUC CUGAUGAG GCCGUUAGGC CGAA IGGCACUG	17717
5366	CAGAGAAC A UAAUGGAA	2410	UUCCAUUA CUGAUGAG GCCGUUAGGC CGAA IUUCUCUG	17718
5392	UUGAUGUC A UGUGUCAU	2411	AUGACACA CUGAUGAG GCCGUUAGGC CGAA IACAUCAA	17719
5399	CAUGUGUC A UGCUACCC	2412	GGGUAGCA CUGAUGAG GCCGUUAGGC CGAA IACACAUG	17720
5403	UGUCAUGC U ACCCUCAC	2413	GUGAGGGU CUGAUGAG GCCGUUAGGC CGAA ICAUGACA	17721
5406	CAUGCUAC C CUCACCCA	2414	UGGGUGAG CUGAUGAG GCCGUUAGGC CGAA IUAGCAUG	17722
5407	AUGCUACC C UCACCCAC	2415	GUGGGUGA CUGAUGAG GCCGUUAGGC CGAA IGUAGCAU	17723
5408	UGCUACCC U CACCCACA	2416	UGUGGGUG CUGAUGAG GCCGUUAGGC CGAA IGGUAGCA	17724
5410	CUACCCUC A CCCACAGG	2417	CCUGUGGG CUGAUGAG GCCGUUAGGC CGAA IAGGGUAG	17725
5412	ACCCUCAC C CACAGGCU	2418	AGCCUGUG CUGAUGAG GCCGUUAGGC CGAA IUGAGGGU	17726
5413	CCCUCACC C ACAGGCUG	2419	CAGCCUGU CUGAUGAG GCCGUUAGGC CGAA IGUGAGGG	17727
5414	CCUCACCC A CAGGCUGA	2420	UCAGCCUG CUGAUGAG GCCGUUAGGC CGAA IGGUGAGG	17728
5416	UCACCCAC A GGCUGAUG	2421	CAUCAGCC CUGAUGAG GCCGUUAGGC CGAA IUGGGUGA	17729
5420	CCACAGGC U GAUGUCUC	2422	GAGACAUC CUGAUGAG GCCGUUAGGC CGAA ICCUGUGG	17730
5427	CUGAUGUC U CCUCACAG	2423	CUGUGAGG CUGAUGAG GCCGUUAGGC CGAA IACAUCAG	17731
5429	GAUGUCUC C UCACAGGG	2424	CCCUGUGA CUGAUGAG GCCGUUAGGC CGAA IAGACAUC	17732
5430	AUGUCUCC U CACAGGGU	2425	ACCCUGUG CUGAUGAG GCCGUUAGGC CGAA IGAGACAU	17733
5432	GUCUCCUC A CAGGGUGC	2426	GCACCCUG CUGAUGAG GCCGUUAGGC CGAA IAGGAGAC	17734
5434	CUCCUCAC A GGGUGCCG	2427	CGGCACCC CUGAUGAG GCCGUUAGGC CGAA IUGAGGAG	17735
5441	CAGGGUGC C GAACUACA	2428	UGUAGUUC CUGAUGAG GCCGUUAGGC CGAA ICACCCUG	
5446	UGCCGAAC U ACAACCUG	2429	CAGGUUGU CUGAUGAG GCCGUUAGGC CGAA IUUCGGCA	17736
5449	CGAACUAC A ACCUGUUC	2430	GAACAGGU CUGAUGAG GCCGUUAGGC CGAA IUAGUUCG	17737
5452	ACUACAAC C UGUUCGUG	2431	CACGAACA CUGAUGAG GCCGUUAGGC CGAA IUAGUUCG	17738
5453	CUACAACC U GUUCGUGA	2432	UCACGAACA CUGAUGAG GCCGUUAGGC CGAA TUUGUAGU UCACGAAC CUGAUGAG GCCGUUAGGC CGAA IGUUGUAG	17739
5472	GAUGAGGC U CAUUUCAC	2433		17740
5474	UGAGGCUC A UUUCACCG	2434	GUGAAAUG CUGAUGAG GCCGUUAGGC CGAA ICCUCAUC	17741
5479	CUCAUUUC A CCGACCCA	2434	CGGUGAAA CUGAUGAG GCCGUUAGGC CGAA IAGCCUCA	17742
5481	CAUUUCAC C GACCCAGC	2435	UGGGUCGG CUGAUGAG GCCGUUAGGC CGAA IAAAUGAG	17743
5485	UCACCGAC C CAGCUAGC		GCUGGGUC CUGAUGAG GCCGUUAGGC CGAA IUGAAAUG	17744
2203	CACCOAC C CAGCOAGC	2437	GCUAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCGGUGA	17745

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5486	CACCGACC C AGCUAGCA	2438	LICETROCKI CHICAG COCCURROCCO COLLA TORRESTA	
5487			UGCUAGCU CUGAUGAG GCCGUUAGGC CGAA IGUCGGUG	17746
	ACCGACCC A GCUAGCAU	2439	AUGCUAGC CUGAUGAG GCCGUUAGGC CGAA IGGUCGGU	17747
5490	GACCCAGC U AGCAUUGC	2440	GCAAUGCU CUGAUGAG GCCGUUAGGC CGAA ICUGGGUC	17748
5494	CAGCUAGC A UUGCAGCA	2441	UGCUGCAA CUGAUGAG GCCGUUAGGC CGAA ICUAGCUG	17749
5499	AGCAUUGC A GCAAGAGG	2442	CCUCUUGC CUGAUGAG GCCGUUAGGC CGAA ICAAUGCU	17750
5502	AUUGCAGC A AGAGGUUA	2443	UAACCUCU CUGAUGAG GCCGUUAGGC CGAA ICUGCAAU	17751
5512	GAGGUUAC A UUUCCACA	2444	UGUGGAAA CUGAUGAG GCCGUUAGGC CGAA IUAACCUC	
5517	UACAUUUC C ACAAAGGU	2445		17752
5518			ACCUUUGU CUGAUGAG GCCGUUAGGC CGAA IAAAUGUA	17753
	ACAUUUCC A CAAAGGUC	2446	GACCUUUG CUGAUGAG GCCGUUAGGC CGAA IGAAAUGU	17754
5520	AUUUCCAC A AAGGUCGA	2447	UCGACCUU CUGAUGAG GCCGUUAGGC CGAA IUGGAAAU	17755
5531	GGUCGAGC U AGGGGAGG	2448	CCUCCCCU CUGAUGAG GCCGUUAGGC CGAA ICUCGACC	17756
5547	GCGGCGGC A AUAUUCAU	2449	AUGAAUAU CUGAUGAG GCCGUUAGGC CGAA ICCGCCGC	17757
5554	CAAUAUUC A UGACAGCC	2450	GGCUGUCA CUGAUGAG GCCGUUAGGC CGAA IAAUAUUG	17758
5559	UUCAUGAC A GCCACCCC	2451	GGGGUGGC CUGAUGAG GCCGUUAGGC CGAA IUCAUGAA	
5562	AUGACAGC C ACCCCACC	2452	GGUGGGGU CUGAUGAG GCCGUUAGGC CGAA ICUGUCAU	17759
5563	UGACAGCC A CCCCACCA	2453		17760
5565	ACAGCCAC C CCACCAGG		UGGUGGGG CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA	17761
		2454	CCUGGUGG CUGAUGAG GCCGUUAGGC CGAA IUGGCUGU	17762
5566	CAGCCACC C CACCAGGC	2455	GCCUGGUG CUGAUGAG GCCGUUAGGC CGAA IGUGGCUG	17763
5567	AGCCACCC C ACCAGGCA	2456	UGCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGGUGGCU	17764
5568	GCCACCCC A CCAGGCAC	2457	GUGCCUGG CUGAUGAG GCCGUUAGGC CGAA IGGGUGGC	17765
5570	CACCCCAC C AGGCACUU	2458	AAGUGCCU CUGAUGAG GCCGUUAGGC CGAA IUGGGGUG	17766
5571	ACCCCACC A GGCACUUC	2459	GAAGUGCC CUGAUGAG GCCGUUAGGC CGAA IGUGGGGU	
5575	CACCAGGC A CUUCAGAU	2460	AUCUGAAG CUGAUGAG GCCGUUAGGC CGAA ICCUGGUG	17767
5577	CCAGGCAC U UCAGAUCC	2461		17768
5580	GGCACUUC A GAUCCAUU			17769
5585		2462	AAUGGAUC CUGAUGAG GCCGUUAGGC CGAA IAAGUGCC	17770
	UUCAGAUC C AUUCCCAG	2463	CUGGGAAU CUGAUGAG GCCGUUAGGC CGAA IAUCUGAA	17771
5586	UCAGAUCC A UUCCCAGA	2464	UCUGGGAA CUGAUGAG GCCGUUAGGC CGAA IGAUCUGA	17772
5590	AUCCAUUC C CAGAGUCC	2465	GGACUCUG CUGAUGAG GCCGUUAGGC CGAA IAAUGGAU	17773
5591	UCCAUUCC C AGAGUCCA	2466	UGGACUCU CUGAUGAG GCCGUUAGGC CGAA IGAAUGGA	17774
5592	CCAUUCCC A GAGUCCAA	2467	UUGGACUC CUGAUGAG GCCGUUAGGC CGAA IGGAAUGG	17775
5598	CCAGAGUC C AAUUCACC	2468	GGUGAAUU CUGAUGAG GCCGUUAGGC CGAA IACUCUGG	
5599	CAGAGUCC A AUUCACCA	2469	UGGUGAAU CUGAUGAG GCCGUUAGGC CGAA IGACUCUG	17776
5604	UCCAAUUC A CCAAUUUC	2470		17777
5606	CAAUUCAC C AAUUUCCG		GAAAUUGG CUGAUGAG GCCGUUAGGC CGAA IAAUUGGA	17778
5607		2471	CGGAAAUU CUGAUGAG GCCGUUAGGC CGAA IUGAAUUG	17779
	AAUUCACC A AUUUCCGA	2472	UCGGAAAU CUGAUGAG GCCGUUAGGC CGAA IGUGAAUU	17780
5613	CCAAUUUC C GACUUACA	2473	UGUAAGUC CUGAUGAG GCCGUUAGGC CGAA IAAAUUGG	17781
5617	UUUCCGAC U UACAGACU	2474	AGUCUGUA CUGAUGAG GCCGUUAGGC CGAA IUCGGAAA	17782
5621	CGACUUAC A GACUGAGA	2475	UCUCAGUC CUGAUGAG GCCGUUAGGC CGAA IUAAGUCG	17783
5625	UUACAGAC U GAGAUCCC	2476	GGGAUCUC CUGAUGAG GCCGUUAGGC CGAA IUCUGUAA	17784
5632	CUGAGAUC C CGGAUCGA	2477	UCGAUCCG CUGAUGAG GCCGUUAGGC CGAA IAUCUCAG	
5633	UGAGAUCC C GGAUCGAG	2478	CUCGAUCC CUGAUGAG GCCGUUAGGC CGAA IGAUCUCA	17785
5643	GAUCGAGC U UGGAACUC	2479		17786
5650	CUUGGAAC U CUGGAUAC	2480		17787
5652			GUAUCCAG CUGAUGAG GCCGUUAGGC CGAA IUUCCAAG	17788
	UGGAACUC U GGAUACGA	2481	UCGUAUCC CUGAUGAG GCCGUUAGGC CGAA IAGUUCCA	17789
5668	AAUGGAUC A CAGAAUAC	2482	GUAUUCUG CUGAUGAG GCCGUUAGGC CGAA IAUCCAUU	17790
5670	UGGAUCAC A GAAUACAC	2483	GUGUAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAUCCA	17791
5677	CAGAAUAC A CCGGGAAG	2484	CUUCCCGG CUGAUGAG GCCGUUAGGC CGAA IUAUUCUG	17792
5679	GAAUACAC C GGGAAGAC	2485	GUCUUCCC CUGAUGAG GCCGUUAGGC CGAA IUGUAUUC	17793
5702	GUUUGUGC C UAGUGUCA	2486	UGACACUA CUGAUGAG GCCGUUAGGC CGAA ICACAAAC	17794
5703	UUUGUGCC U AGUGUCAA	2487	UUGACACU CUGAUGAG GCCGUUAGGC CGAA IGCACAAA	
5710	CUAGUGUC A AGAUGGGG	2488	CCCCAUCU CUGAUGAG GCCGUUAGGC CGAA IACACUAG	17795
5730	GAGAUUGC C CUUUGCCU	2489		17796
5731	AGAUUGCC C UUUGCCUA	2490	AGGCAAAG CUGAUGAG GCCGUUAGGC CGAA ICAAUCUC	17797
5732	GAUUGCCC U UUGCCUAC		UAGGCAAA CUGAUGAG GCCGUUAGGC CGAA IGCAAUCU	17798
		2491	GUAGGCAA CUGAUGAG GCCGUUAGGC CGAA IGGCAAUC	17799
5737	CCCUUUGC C UACAACGU	2492	ACGUUGUA CUGAUGAG GCCGUUAGGC CGAA ICAAAGGG	17800
5738	CCUUUGCC U ACAACGUG	2493	CACGUUGU CUGAUGAG GCCGUUAGGC CGAA IGCAAAGG	17801
5741	UUGCCUAC A ACGUGCUG	2494	CAGCACGU CUGAUGAG GCCGUUAGGC CGAA IUAGGCAA	17802
5748	CAACGUGC U GGAAAGAA	2495	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA ICACGUUG	17803
5764	AAGUAGUC C AAUUGAAC	2496	GUUCAAUU CUGAUGAG GCCGUUAGGC CGAA IACUACUU	
5765	AGUAGUCC A AUUGAACA	2497	UGUUCAAU CUGAUGAG GCCGUUAGGC CGAA IACUACU	17804
5773	AAUUGAAC A GAAAGUCG	2498	CGACUUUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAUU	17805
			TELEGOC COGNOGNO GCCGOUNGGC CGAA TUUCAAUU	17806

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5797	CGGAGUAC C CAAAAUGU	2499	ACAUUUUG CUGAUGAG GCCGUUAGGC CGAA IUACUCCG	17807
5798	GGAGUACC C AAAAUGUA	2500	UACAUUUU CUGAUGAG GCCGUUAGGC CGAA IGUACUCC	17808
5799	GAGUACCC A AAAUGUAA	2501	UUACAUUU CUGAUGAG GCCGUUAGGC CGAA IGGUACUC	17809
5824	AUUGGGAC U UUGUUAUC	2502	GAUAACAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAU	17810
5833	UUGUUAUC A CAACAGAC	2503	GUCUGUUG CUGAUGAG GCCGUUAGGC CGAA IAUAACAA	17811
5835	GUUAUCAC A ACAGACAU	2504	AUGUCUGU CUGAUGAG GCCGUUAGGC CGAA IUGAUAAC	17812
5838	AUCACAAC A GACAUAUC	2505	GAUAUGUC CUGAUGAG GCCGUUAGGC CGAA IUUGUGAU	17813
5842	CAACAGAC A UAUCUGAA	2506	UUCAGAUA CUGAUGAG GCCGUUAGGC CGAA IUCUGUUG	17814
5847	GACAUAUC U GAAAUGGG	2507	CCCAUUUC CUGAUGAG GCCGUUAGGC CGAA IAUAUGUC	17815
5859	AUGGGGC U AACUUCAA	2508	UUGAAGUU CUGAUGAG GCCGUUAGGC CGAA ICCCCCAU	17816
5863	GGGCUAAC U UCAAGGCG	2509	CGCCUUGA CUGAUGAG GCCGUUAGGC CGAA IUUAGCCC	17817
5866	CUAACUUC A AGGCGAGC	2510	GCUCGCCU CUGAUGAG GCCGUUAGGC CGAA IAAGUUAG	17818
5875	AGGCGAGC A GGGUGAUU	2511	AAUCACCC CUGAUGAG GCCGUUAGGC CGAA ICUCGCCU	17819
5887	UGAUUGAC A GCCGGAAG	2512	CUUCCGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUCA	17820
5890	UUGACAGC C GGAAGAGU	2513	ACUCUUCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA	17821
5906	UGUGAAAC C AACCAUCA	2514	UGAUGGUU CUGAUGAG GCCGUUAGGC CGAA IUUUCACA	17822
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5910	AAACCAAC C AUCAUAAC	2516	GUUAUGAU CUGAUGAG GCCGUUAGGC CGAA IUUGGUUU	17824
5911	AACCAACC A UCAUAACA	2517	UGUUAUGA CUGAUGAG GCCGUUAGGC CGAA IGUUGGUU	17825
5914	CAACCAUC A UAACAGAA	2518	UUCUGUUA CUGAUGAG GCCGUUAGGC CGAA IAUGGUUG	17826
5919	AUCAUAAC A GAAGGAGA	2519	UCUCCUUC CUGAUGAG GCCGUUAGGC CGAA IUUAUGAU	17827
5941	GAGUGAUC C UGGGAGAA	2520	UUCUCCCA CUGAUGAG GCCGUUAGGC CGAA IAUCACUC	17828
5942	AGUGAUCC U GGGAGAAC	2521	GUUCUCCC CUGAUGAG GCCGUUAGGC CGAA IGAUCACU	17829
5951	GGGAGAAC C AUCUGCAG	2522	CUGCAGAU CUGAUGAG GCCGUUAGGC CGAA IUUCUCCC	17830
5952	GGAGAACC A UCUGCAGU	2523	ACUGCAGA CUGAUGAG GCCGUUAGGC CGAA IGUUCUCC	17831
5955	GAACCAUC U GCAGUGAC	2524	GUCACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGUUC	17832
5958	CCAUCUGC A GUGACAGC	2525	GCUGUCAC CUGAUGAG GCCGUUAGGC CGAA ICAGAUGG	17833
5964	GCAGUGAC A GCAGCUAG	2526	CUAGCUGC CUGAUGAG GCCGUUAGGC CGAA IUCACUGC	
5967	GUGACAGC A GCUAGUGC	2527	GCACUAGC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAC	17834
5970	ACAGCAGC U AGUGCCGC	2528	GCGGCACU CUGAUGAG GCCGUUAGGC CGAA ICUGCUGU	17835
5976	GCUAGUGC C GCCCAGAG	2529	CUCUGGGC CUGAUGAG GCCGUUAGGC CGAA ICACUAGC	17836
5979	AGUGCCGC C CAGAGACG	2530	CGUCUCUG CUGAUGAG GCCGUUAGGC CGAA ICACUAGC	17837
5980	GUGCCGCC C AGAGACGU	2531	ACGUCUCU CUGAUGAG GCCGUUAGGC CGAA ICCGCACO	17838
5981	UGCCGCCC A GAGACGUG	2532	CACGUCUC CUGAUGAG GCCGUUAGGC CGAA IGCGGCAC	17839
6008	UAGAAAUC C GUCGCAAG	2533	CUUGCGAC CUGAUGAG GCCGUUAGGC CGAA IAUUUCUA	17840
6014	UCCGUCGC A AGUUGGUG	2534	CACCAACU CUGAUGAG GCCGUUAGGC CGAA IAGUUCUA	17841
6031	AUGAGUAC U GUUAUGGG	2535	CCCAUAAC CUGAUGAG GCCGUUAGGC CGAA ICGACGGA	17842
6044	UGGGGGC A CACGAAUG	2536	CAUUCGUG CUGAUGAG GCCGUUAGGC CGAA ICCCCCCA	17843
6046	GGGGGCAC A CGAAUGAA	2537	UUCAUUCG CUGAUGAG GCCGUUAGGC CGAA ICCCCCCA	17844
6061	AAGACGAC U CGAACUUC	2538	GAAGUUCG CUGAUGAG GCCGUUAGGC CGAA IUCGUCUU	17845
6067	ACUCGAAC U UCGCCCAU	2539		17846
6072	AACUUCGC C CAUUGGAC	2540	AUGGGCGA CUGAUGAG GCCGUUAGGC CGAA IUUCGAGU GUCCAAUG CUGAUGAG GCCGUUAGGC CGAA ICGAAGUU	17847
6073	ACUUCGCC C AUUGGACU	2541		17848
6074	CUUCGCCC A UUGGACUG	2542	CAGUCCAAU CUGAUGAG GCCGUUAGGC CGAA IGCGAAGU CAGUCCAA CUGAUGAG GCCGUUAGGC CGAA IGGCGAAG	17849
6081	CAUUGGAC U GAGGCACG	2543	CGUGCCUC CUGAUGAG GCCGUUAGGC CGAA IUCCAAUG	17850
6087	ACUGAGGC A CGAAUCAU	2544		17851
6094	CACGAAUC A UGCUGGAC	2545	AUGAUUCG CUGAUGAG GCCGUUAGGC CGAA ICCUCAGU	17852
6098	AAUCAUGC U GGACAACA	2546	GUCCAGCA CUGAUGAG GCCGUUAGGC CGAA IAUUCGUG UGUUGUCC CUGAUGAG GCCGUUAGGC CGAA ICAUGAUU	17853
6103	UGCUGGAC A ACAUCAAC	2547		17854
6106	UGGACAAC A UCAACAUG	2548	GUUGAUGU CUGAUGAG GCCGUUAGGC CGAA IUCCAGCA	17855
6109	ACAACAUC A ACAUGCCA	2549	CAUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUUGUCCA	17856
6112	ACAUCAAC A UGCCAAAC	2550	UGGCAUGU CUGAUGAG GCCGUUAGGC CGAA IAUGUUGU	17857
6116	CAACAUGC C AAACGGAC	2551	GUUUGGCA CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU	17858
6117	AACAUGCC A AACGGACU	2552	GUCCGUUU CUGAUGAG GCCGUUAGGC CGAA ICAUGUUG	17859
6125	AAACGGAC U GAUCGCUC	2552	AGUCCGUU CUGAUGAG GCCGUUAGGC CGAA IGCAUGUU	17860
6132	CUGAUCGC U CAAUUCUA	2554	GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCGUUU	17861
6134	GAUCGCUC A AUUCUACC		UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA ICGAUCAG	17862
6139	CUCAAUUC U ACCAACCA	2555	GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC	17863
6142	AAUUCUAC C AACCAGAG	2556	UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG	17864
6143	AUUCUACC A ACCAGAGO	2557	CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU	17865
6146	CUACCAAC C AGAGCGUG	2558	GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU	17866
U-1-0 1	COACCARC C AGAGCGUG	2559	CACGCUCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUAG	17867

Table IV UACCAACC A GAGCGUGA 6147 UCACGCUC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUA 2560 17868 6168 GUAUAUAC C AUGGAUGG 2561 CCAUCCAU CUGAUGAG GCCGUUAGGC CGAA IUAUAUAC 17869 6169 UAUAUACC A UGGAUGGG 2562 CCCAUCCA CUGAUGAG GCCGUUAGGC CGAA IGUAUAUA 17870 GGGAAUAC C GGCUCAGA 6184 2563 UCUGAGCC CUGAUGAG GCCGUUAGGC CGAA IUAUUCCC 17871 6188 AUACCGGC U CAGAGGAG CUCCUCUG CUGAUGAG GCCGUUAGGC CGAA ICCGGUAU 2564 17872 6190 ACCGGCUC A GAGGAGAA 2565 UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA IAGCCGGU 17873 6211 GAAAAAAC U UUCUGGAA 2566 UUCCAGAA CUGAUGAG GCCGUUAGGC CGAA IUUUUUUC 17874 6215 AAACUUUC U GGAACUGU 2567 ACAGUUCC CUGAUGAG GCCGUUAGGC CGAA IAAAGUUU 17875 6221 UCUGGAAC U GUUGAGGA 2568 UCCUCAAC CUGAUGAG GCCGUUAGGC CGAA IUUCCAGA 17876 6231 UUGAGGAC U GCAGAUCU 2569 AGAUCUGC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA 17877 6234 AGGACUGC A GAUCUGCC 2570 GGCAGAUC CUGAUGAG GCCGUUAGGC CGAA ICAGUCCU 17878 6239 UGCAGAUC U GCCAGUUU 2571 AAACUGGC CUGAUGAG GCCGUUAGGC CGAA IAUCUGCA 17879 6242 AGAUCUGC C AGUUUGGC GCCAAACU CUGAUGAG GCCGUUAGGC CGAA ICAGAUCU 2572 17880 6243 GAUCUGCC A GUUUGGCU AGCCAAAC CUGAUGAG GCCGUUAGGC CGAA IGCAGAUC 2573 17881 UGUAAGCC CUGAUGAG GCCGUUAGGC CGAA ICCAAACU 6251 AGUUUGGC U GGCUUACA 2574 17882 ACCUUGUA CUGAUGAG GCCGUUAGGC CGAA ICCAGCCA 6255 UGGCUGGC U UACAAGGU 2575 17883 6259 UGGCUUAC A AGGUUGCA UGCAACCU CUGAUGAG GCCGUUAGGC CGAA IUAAGCCA 2576 17884 6267 CCAGCCGC CUGAUGAG GCCGUUAGGC CGAA ICAACCUU AAGGUUGC A GCGGCUGG 2577 17885 6273 GACACUCC CUGAUGAG GCCGUUAGGC CGAA ICCGCUGC GCAGCGGC U GGAGUGUC 2578 17886 6282 GGAGUGUC A UACCACGA UCGUGGUA CUGAUGAG GCCGUUAGGC CGAA IACACUCC 2579 17887 6286 UGUCAUAC C ACGACCGG CCGGUCGU CUGAUGAG GCCGUUAGGC CGAA IUAUGACA 2580 17888 6287 GUCAUACC A CGACCGGA 2581 UCCGGUCG CUGAUGAG GCCGUUAGGC CGAA IGUAUGAC 17889 6292 ACCACGAC C GGAGGUGG 2582 CCACCUCC CUGAUGAG GCCGUUAGGC CGAA IUCGUGGU 17890 6304 GGUGGUGC U UUGAUGGU 2583 ACCAUCAA CUGAUGAG GCCGUUAGGC CGAA ICACCACC 17891 6314 UGAUGGUC C UAGGACAA 2584 UUGUCCUA CUGAUGAG GCCGUUAGGC CGAA IACCAUCA 17892 6315 GAUGGUCC U AGGACAAA 2585 UUUGUCCU CUGAUGAG GCCGUUAGGC CGAA IGACCAUC 17893 6321 CCUAGGAC A AACACAAU 2586 AUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IUCCUAGG 17894 6325 GGACAAAC A CAAUUUUA UAAAAUUG CUGAUGAG GCCGUUAGGC CGAA IUUUGUCC 2587 17895 6327 ACAAACAC A AUUUUAGA UCUAAAAU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGU 2588 17896 6340 UUCGUUGU CUGAUGAG GCCGUUAGGC CGAA IUCUUCUA UAGAAGAC A ACAACGAA 2589 17897 6343 CACUUCGU CUGAUGAG GCCGUUAGGC CGAA IUUGUCUU AAGACAAC A ACGAAGUG 2590 17898 6358 UGGAAGUC A UCACGAAG CUUCGUGA CUGAUGAG GCCGUUAGGC CGAA IACUUCCA 2591 17899 AAGUCAUC A CGAAGCUU 6361 AAGCUUCG CUGAUGAG GCCGUUAGGC CGAA IAUGACUU 2592 17900 6368 CACGAAGC U UGGUGAAA 2593 UUUCACCA CUGAUGAG GCCGUUAGGC CGAA ICUUCGUG 17901 GAAGAUUC U GAGGCCGC 6386 GCGGCCUC CUGAUGAG GCCGUUAGGC CGAA IAAUCUUC 2594 17902 6392 UCUGAGGC C GCGCUGGA 2595 UCCAGCGC CUGAUGAG GCCGUUAGGC CGAA ICCUCAGA 17903 6397 GGCCGCGC U GGAUUGAC GUCAAUCC CUGAUGAG GCCGUUAGGC CGAA ICGCGGCC 2596 17904 6408 AUUGACGC C AGGGUGUA 2597 UACACCCU CUGAUGAG GCCGUUAGGC CGAA ICGUCAAU 17905 6409 UUGACGCC A GGGUGUAC 2598 GUACACCC CUGAUGAG GCCGUUAGGC CGAA IGCGUCAA 17906 6418 GGGUGUAC U CGGAUCAC 2599 GUGAUCCG CUGAUGAG GCCGUUAGGC CGAA IUACACCC 17907 CUCGGAUC A CCAGGCAC 6425 2600 GUGCCUGG CUGAUGAG GCCGUUAGGC CGAA IAUCCGAG 17908 6427 CGGAUCAC C AGGCACUA 2601 UAGUGCCU CUGAUGAG GCCGUUAGGC CGAA IUGAUCCG 17909 GGAUCACC A GGCACUAA UUAGUGCC CUGAUGAG GCCGUUAGGC CGAA IGUGAUCC 6428 2602 17910 CACCAGGC A CUAAAGGC 6432 GCCUUUAG CUGAUGAG GCCGUUAGGC CGAA ICCUGGUG 2603 17911 CCAGGCAC U AAAGGCGU 6434 ACGCCUUU CUGAUGAG GCCGUUAGGC CGAA IUGCCUGG 2604 17912 6445 AGGCGUUC A AGGACUUC GAAGUCCU CUGAUGAG GCCGUUAGGC CGAA IAACGCCU 2605 17913 6451 UCAAGGAC U UCGCCUCG 2606 CGAGGCGA CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA 17914 6456 GACUUCGC C UCGGGAAA UUUCCCGA CUGAUGAG GCCGUUAGGC CGAA ICGAAGUC 2607 17915 6457 ACUUCGCC U CGGGAAAA 2608 UUUUCCCG CUGAUGAG GCCGUUAGGC CGAA IGCGAAGU 17916 6471 AAACGUUC U CAGAUAGG 2609 CCUAUCUG CUGAUGAG GCCGUUAGGC CGAA IAACGUUU 17917 6473 ACGUUCUC A GAUAGGGC 2610 GCCCUAUC CUGAUGAG GCCGUUAGGC CGAA IAGAACGU 17918 6482 GAUAGGGC U CAUUGAGG 2611 CCUCAAUG CUGAUGAG GCCGUUAGGC CGAA ICCCUAUC 17919 6484 UAGGGCUC A UUGAGGUU 2612 AACCUCAA CUGAUGAG GCCGUUAGGC CGAA IAGCCCUA 17920 6494 UGAGGUUC U GGGAAAGA 2613 UCUUUCCC CUGAUGAG GCCGUUAGGC CGAA IAACCUCA 17921 6506 AAAGAUGC C UGAGCACU 2614 AGUGCUCA CUGAUGAG GCCGUUAGGC CGAA ICAUCUUU 17922 AAGAUGCC U GAGCACUU 6507 2615 AAGUGCUC CUGAUGAG GCCGUUAGGC CGAA IGCAUCUU 17923 GCCUGAGC A CUUCAUGG 6512 2616 CCAUGAAG CUGAUGAG GCCGUUAGGC CGAA ICUCAGGC 17924 CUGAGCAC U UCAUGGGG 6514 2617 CCCCAUGA CUGAUGAG GCCGUUAGGC CGAA IUGCUCAG 17925 AGCACUUC A UGGGGAAG 6517 2618 CUUCCCCA CUGAUGAG GCCGUUAGGC CGAA IAAGUGCU 17926 GGGAAGAC A UGGGAAGC 6528 2619 GCUUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUUCCC 17927

GUGUCAAG CUGAUGAG GCCGUUAGGC CGAA ICUUCCCA

17928

2620

6537

UGGGAAGC A CUUGACAC

Table IV

6539	GGAAGCAC U UGACACCA	2621	Transmin minutes accommunate and	,
			UGGUGUCA CUGAUGAG GCCGUUAGGC CGAA IUGCUUCC	17929
6544		2622	GUACAUGG CUGAUGAG GCCGUUAGGC CGAA IUCAAGUG	17930
6546		2623	ACGUACAU CUGAUGAG GCCGUUAGGC CGAA IUGUCAAG	17931
6547	UUGACACC A UGUACGUU	2624	AACGUACA CUGAUGAG GCCGUUAGGC CGAA IGUGUCAA	17932
6561	GUUGUGGC C ACUGCAGA	2625	UCUGCAGU CUGAUGAG GCCGUUAGGC CGAA ICCACAAC	17933
6562	UUGUGGCC A CUGCAGAG	2626	CUCUGCAG CUGAUGAG GCCGUUAGGC CGAA IGCCACAA	
6564	GUGGCCAC U GCAGAGAA	2627		17934
6567	GCCACUGC A GAGAAAGG		UUCUCUGC CUGAUGAG GCCGUUAGGC CGAA IUGGCCAC	17935
		2628	CCUUUCUC CUGAUGAG GCCGUUAGGC CGAA ICAGUGGC	17936
6585	GGAAGAGC U CACAGAAU	2629	AUUCUGUG CUGAUGAG GCCGUUAGGC CGAA ICUCUUCC	17937
6587	AAGAGCUC A CAGAAUGG	2630	CCAUUCUG CUGAUGAG GCCGUUAGGC CGAA IAGCUCUU	17938
6589	GAGCUCAC A GAAUGGCC	2631	GGCCAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAGCUC	17939
6597	AGAAUGGC C CUGGAGGA	2632	UCCUCCAG CUGAUGAG GCCGUUAGGC CGAA ICCAUUCU	17940
6598	GAAUGGCC C UGGAGGAA	2633	UUCCUCCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUUC	
6599	AAUGGCCC U GGAGGAAC	2634		17941
6608	- 		GUUCCUCC CUGAUGAG GCCGUUAGGC CGAA IGGCCAUU	17942
	GGAGGAAC U GCCAGAUG	2635	CAUCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUCCUCC	17943
6611	GGAACUGC C AGAUGCUC	2636	GAGCAUCU CUGAUGAG GCCGUUAGGC CGAA ICAGUUCC	17944
6612	GAACUGCC A GAUGCUCU	2637	AGAGCAUC CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC	17945
6618	CCAGAUGC U CUUCAGAC	2638	GUCUGAAG CUGAUGAG GCCGUUAGGC CGAA ICAUCUGG	17946
6620	AGAUGCUC U UCAGACAA	2639	UUGUCUGA CUGAUGAG GCCGUUAGGC CGAA IAGCAUCU	+
6623	UGCUCUUC A GACAAUUG	2640	CAAUUGUC CUGAUGAG GCCGUUAGGC CGAA IAAGAGCA	17947
6627	CUUCAGAC A AUUGCCUU	2641		17948
6633		+	AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IUCUGAAG	17949
	ACAAUUGC C UUGAUUGC	2642	GCAAUCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUUGU	17950
6634	CAAUUGCC U UGAUUGCC	2643	GGCAAUCA CUGAUGAG GCCGUUAGGC CGAA IGCAAUUG	17951
6642	UUGAUUGC C UUAUUGAG	2644	CUCAAUAA CUGAUGAG GCCGUUAGGC CGAA ICAAUCAA	17952
6643	UGAUUGCC U UAUUGAGU	2645	ACUCAAUA CUGAUGAG GCCGUUAGGC CGAA IGCAAUCA	17953
6660	GUGAUGAC C AUGGGAGU	2646	ACUCCCAU CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	
6661	UGAUGACC A UGGGAGUA	2647	UACUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUCAUCA	17954
6673	GAGUAUUC U UCCUCCUC	2648	CACCACCA CUCAUGAG GCCGUUAGGC CGAA IGUCAUCA	17955
6676	UAUUCUUC C UCCUCAUG		GAGGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAUACUC	17956
		2649	CAUGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAGAAUA	17957
6677	AUUCUUCC U CCUCAUGC	2650	GCAUGAGG CUGAUGAG GCCGUUAGGC CGAA IGAAGAAU	17958
6679	UCUUCCUC C UCAUGCAG	2651	CUGCAUGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAGA	17959
6680	CUUCCUCC U CAUGCAGC	2652	GCUGCAUG CUGAUGAG GCCGUUAGGC CGAA IGAGGAAG	17960
6682	UCCUCCUC A UGCAGCGG	2653	CCGCUGCA CUGAUGAG GCCGUUAGGC CGAA IAGGAGGA	17961
6686	CCUCAUGC A GCGGAAGG	2654	CCUUCCGC CUGAUGAG GCCGUUAGGC CGAA ICAUGAGG	
6697	GGAAGGGC A UUGGAAAG	2655		17962
6723	GGAGGCGC U GUCUUGGG	2656		17963
6727	GCGCUGUC U UGGGAGUC		CCCAAGAC CUGAUGAG GCCGUUAGGC CGAA ICGCCUCC	17964
	 	2657	GACUCCCA CUGAUGAG GCCGUUAGGC CGAA IACAGCGC	17965
6741	GUCGCGAC C UUUUUCUG	2658	CAGAAAAA CUGAUGAG GCCGUUAGGC CGAA IUCGCGAC	17966
6742	UCGCGACC U UUUUCUGU	2659	ACAGAAAA CUGAUGAG GCCGUUAGGC CGAA IGUCGCGA	17967
6748	CCUUUUUC U GUUGGAUG	2660	CAUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAAAAAGG	17968
6759	UGGAUGGC U GAAGUUCC	2661	GGAACUUC CUGAUGAG GCCGUUAGGC CGAA ICCAUCCA	17969
6767	UGAAGUUC C AGGAACGA	2662	UCGUUCCU CUGAUGAG GCCGUUAGGC CGAA IAACUUCA	
6768	GAAGUUCC A GGAACGAA	2663		17970
6783	AAGAUCGC C GGAAUGUU		UUCGUUCC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC	17971
		2664	AACAUUCC CUGAUGAG GCCGUUAGGC CGAA ICGAUCUU	17972
6794	AAUGUUGC U GCUCUCCC	2665	GGGAGAGC CUGAUGAG GCCGUUAGGC CGAA ICAACAUU	17973
6797	annachec n checenne	2666	GAAGGGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCAAC	17974
6799	necnecne n ecennene	2667	GAGAAGGG CUGAUGAG GCCGUUAGGC CGAA IAGCAGCA	17975
6801	CUGCUCUC C CUUCUCUU	2668	AAGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGAGCAG	17976
6802	NGCUCUCC C NUCUCUUG	2669	CAAGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGAGCA	
6803	GCUCUCCC U UCUCUUGA	2670	UCARGAGA CHICANICAC COCCURRACIO COA TGAGAGCA	17977
6806	CUCCCUUC U CUUGAUGA		UCAAGAGA CUGAUGAG GCCGUUAGGC CGAA IGGAGAGC	17978
6808		2671	UCAUCAAG CUGAUGAG GCCGUUAGGC CGAA IAAGGGAG	17979
	CCCUUCUC U UGAUGAUU	.2672	AAUCAUCA CUGAUGAG GCCGUUAGGC CGAA IAGAAGGG	17980
6821	GAUUGUGC U AAUUCCUG	2673	CAGGAAUU CUGAUGAG GCCGUUAGGC CGAA ICACAAUC	17981
6827	GCUAAUUC C UGAGCCAG	2674	CUGGCUCA CUGAUGAG GCCGUUAGGC CGAA IAAUUAGC	17982
6828	CUAAUUCC U GAGCCAGA	2675	UCUGGCUC CUGAUGAG GCCGUUAGGC CGAA IGAAUUAG	17983
6833	UCCUGAGC C AGAGAAGC	2676	GCUUCUCU CUGAUGAG GCCGUUAGGC CGAA ICUCAGGA	
6834	CCUGAGCC A GAGAAGCA	2677	UGCUUCUC CUGAUGAG GCCGUUAGGC CGAA ICUCAGGA	17984
6842	AGAGAAGC A ACGUUCGC	2678		17985
6851	ACGUUCGC A GACAGACA		GCGAACGU CUGAUGAG GCCGUUAGGC CGAA ICUUCUCU	17986
6855		2679	UGUCUGUC CUGAUGAG GCCGUUAGGC CGAA ICGAACGU	17987
	UCGCAGAC A GACAACCA	2680	UGGUUGUC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGA	17988
6859	AGACAGAC A ACCAGCUA	2681	UAGCUGGU CUGAUGAG GCCGUUAGGC CGAA IUCUGUCU	17989

				
6862	CAGACAAC C AGCUAGCC	2682	GGCUAGCU CUGAUGAG GCCGUUAGGC CGAA IUUGUCUG	17990
6863	AGACAACC A GCUAGCCG	2683	CGGCUAGC CUGAUGAG GCCGUUAGGC CGAA IGUUGUCU	17991
6866	CAACCAGC U AGCCGUGU	2684	ACACGGCU CUGAUGAG GCCGUUAGGC CGAA ICUGGUUG	17992
6870	CAGCUAGC C GUGUUCCU	2685	AGGAACAC CUGAUGAG GCCGUUAGGC CGAA ICUAGCUG	17993
6877	CCGUGUUC C UGAUUUGU	2686	ACAAAUCA CUGAUGAG GCCGUUAGGC CGAA IAACACGG	17994
6878	CGUGUUCC U GAUUUGUG	2687	CACAAAUC CUGAUGAG GCCGUUAGGC CGAA IGAACACG	
6889	UUUGUGUC A UGACCCUU	2688	AAGGGUCA CUGAUGAG GCCGUUAGGC CGAA IACACAAA	17995
6894	GUCAUGAC C CUUGUGAG	2689	CUCACAAG CUGAUGAG GCCGUUAGGC CGAA IUCAUGAC	17996
6895	UCAUGACC C UUGUGAGC	2690		17997
6896	CAUGACCC U UGUGAGCG		GCUCACAA CUGAUGAG GCCGUUAGGC CGAA IGUCAUGA	17998
6906		2691	CGCUCACA CUGAUGAG GCCGUUAGGC CGAA IGGUCAUG	17999
	GUGAGCGC A GUGGCAGC	2692	GCUGCCAC CUGAUGAG GCCGUUAGGC CGAA ICGCUCAC	18000
6912	GCAGUGGC A GCCAACGA	2693	UCGUUGGC CUGAUGAG GCCGUUAGGC CGAA ICCACUGC	18001
6915	GUGGCAGC C AACGAGAU	2694	AUCUCGUU CUGAUGAG GCCGUUAGGC CGAA ICUGCCAC	18002
6916	UGGCAGCC A ACGAGAUG	2695	CAUCUCGU CUGAUGAG GCCGUUAGGC CGAA IGCUGCCA	18003
6932	GGGUUGGC U AGAUAAGA	2696	UCUUAUCU CUGAUGAG GCCGUUAGGC CGAA ICCAACCC	18004
6942	GAUAAGAC C AAGAGUGA	2697	UCACUCUU CUGAUGAG GCCGUUAGGC CGAA IUCUUAUC	18005
6943	AUAAGACC A AGAGUGAC	2698	GUCACUCU CUGAUGAG GCCGUUAGGC CGAA IGUCUUAU	18006
6952	AGAGUGAC A UAAGCAGU	2699	ACUGCUUA CUGAUGAG GCCGUUAGGC CGAA IUCACUCU	18007
6958	ACAUAAGC A GUUUGUUU	2700	AAACAAAC CUGAUGAG GCCGUUAGGC CGAA ICUUAUGU	18008
6971	GUUUGGGC A AAGAAUUG	2701	CAAUUCUU CUGAUGAG GCCGUUAGGC CGAA ICCCAAAC	+
6985	UUGAGGUC A AGGAGAAU	2702	AUUCUCCU CUGAUGAG GCCGUUAGGC CGAA IACCUCAA	18009
6997	AGAAUUUC A GCAUGGGA	2703	UCCCAUGC CUGAUGAG GCCGUUAGGC CGAA IAAAUUCU	18010
7000	AUUUCAGC A UGGGAGAG	2704	CUCUCCCA CUGAUGAG GCCGUUAGGC CGAA ICUGAAAU	18011
7013	AGAGUUUC U UUUGGACU	2705		18012
7021	UUUUGGAC U UGAGGCCG	2706	AGUCCAAA CUGAUGAG GCCGUUAGGC CGAA IAAACUCU	18013
7028	CUUGAGGC C GGCAACAG	2707	CGGCCUCA CUGAUGAG GCCGUUAGGC CGAA IUCCAAAA	18014
7032	AGGCCGGC A ACAGCCUG		CUGUUGCC CUGAUGAG GCCGUUAGGC CGAA ICCUCAAG	18015
7035		2708	CAGGCUGU CUGAUGAG GCCGUUAGGC CGAA ICCGGCCU	18016
7038	CCGGCAAC A GCCUGGUC	2709	GACCAGGC CUGAUGAG GCCGUUAGGC CGAA IUUGCCGG	18017
	GCAACAGC C UGGUCACU	2710	AGUGACCA CUGAUGAG GCCGUUAGGC CGAA ICUGUUGC	18018
7039	CAACAGCC U GGUCACUG	2711	CAGUGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUG	18019
7044	GCCUGGUC A CUGUACGC	2712	GCGUACAG CUGAUGAG GCCGUUAGGC CGAA IACCAGGC	18020
7046	CUGGUCAC U GUACGCUG	2713	CAGCGUAC CUGAUGAG GCCGUUAGGC CGAA IUGACCAG	18021
7053	CUGUACGC U GUGACAAC	2714	GUUGUCAC CUGAUGAG GCCGUUAGGC CGAA ICGUACAG	18022
7059	GCUGUGAC A ACAGCGGU	2715	ACCGCUGU CUGAUGAG GCCGUUAGGC CGAA IUCACAGC	18023
7062	GUGACAAC A GCGGUCCU	2716	AGGACCGC CUGAUGAG GCCGUUAGGC CGAA IUUGUCAC	18024
7069	CAGCGGUC C UCACUCCA	2717	UGGAGUGA CUGAUGAG GCCGUUAGGC CGAA IACCGCUG	18025
7070	AGCGGUCC U CACUCCAC	2718	GUGGAGUG CUGAUGAG GCCGUUAGGC CGAA IGACCGCU	18026
7072	CGGUCCUC A CUCCACUG	2719	CAGUGGAG CUGAUGAG GCCGUUAGGC CGAA IAGGACCG	18027
7074	GUCCUCAC U CCACUGCU	2720	AGCAGUGG CUGAUGAG GCCGUUAGGC CGAA IUGAGGAC	
7076	CCUCACUC C ACUGCUAA	2721	UUAGCAGU CUGAUGAG GCCGUUAGGC CGAA IAGUGAGG	18028
7077	CUCACUCC A CUGCUAAA	2722		18029
7079	CACUCCAC U GCUAAAGC	2723	UUUAGCAG CUGAUGAG GCCGUUAGGC CGAA IGAGUGAG GCUUUAGC CUGAUGAG GCCGUUAGGC CGAA IUGGAGUG	18030
7082	UCCACUGC U AAAGCAUU	2724	AAUGCUUU CUGAUGAG GCCGUUAGGC CGAA ICAGUGGA	18031
7088	GCUAAAGC A UUUGAUCA	2725	PGAUGAA GUGANGAG GCCGUNAGGC CGAA TCAGUGGA	18032
7096	AUUUGAUC A CGUCAGAU	2726	UGAUCAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUAGC	18033
7101	AUCACGUC A GAUUACAU	2727	AUCUGACG CUGAUGAG GCCGUUAGGC CGAA IAUCAAAU	18034
7108	CAGAUUAC A UCAACACC		AUGUAAUC CUGAUGAG GCCGUUAGGC CGAA IACGUGAU	18035
7111	AUUACAUC A ACACCUCA	2728	GGUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUAAUCUG	18036
7114	ACAUCAAC A CCUCAUUG	2729	UGAGGUGU CUGAUGAG GCCGUUAGGC CGAA IAUGUAAU	18037
7116		2730	CAAUGAGG CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU	18038
	AUCAACAC C UCAUUGAC	2731	GUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IUGUUGAU	18039
7117	UCAACACC U CAUUGACC	2732	GGUCAAUG CUGAUGAG GCCGUUAGGC CGAA IGUGUUGA	18040
7119	AACACCUC A UUGACCUC	2733	GAGGUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGUGUU	18041
7125	UCAUUGAC C UCAAUAAA	2734	UUUAUUGA CUGAUGAG GCCGUUAGGC CGAA IUCAAUGA	18042
7126	CAUUGACC U CAAUAAAC	2735	GUUUAUUG CUGAUGAG GCCGUUAGGC CGAA IGUCAAUG	18043
7128	UUGACCUC A AUAAACGU	2736	ACGUUUAU CUGAUGAG GCCGUUAGGC CGAA IAGGUCAA	18044
7139	AAACGUUC A GGCAAGUG	2737	CACUUGCC CUGAUGAG GCCGUUAGGC CGAA IAACGUUU	18045
7143	GUUCAGGC A AGUGCACU	2738	AGUGCACU CUGAUGAG GCCGUUAGGC CGAA ICCUGAAC	18045
7149	GCAAGUGC A CUAUUCAC	2739	GUGAAUAG CUGAUGAG GCCGUUAGGC CGAA ICACUUGC	
7151	AAGUGCAC U AUUCACAC	2740	GUGUGAAU CUGAUGAG GCCGUUAGGC CGAA IUGCACUU	18047
7156	CACUAUUC A CACUCGCG	2741	CGCGAGUG CUGAUGAG GCCGUUAGGC CGAA IAAUAGUG	18048
7158	CUAUUCAC A CUCGCGCG	2742	CGCGCGAG CUGAUGAG GCCGUUAGGC CGAA TAAUAGUG	18049
			COGADGAG GCCGUUAGGC CGAA TUGAAUAG	18050

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7160	AUUCACAC U CGCGCGAG	2743	CUCGCGCG CUGAUGAG GCCGUUAGGC CGAA IUGUGAAU	18051
7171	CGCGAGGC U UCCCCUUC	2744	GAAGGGA CUGAUGAG GCCGUUAGGC CGAA ICCUCGCG	18052
7174	GAGGCUUC C CCUUCGUC	2745	GACGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAGCCUC	18053
7175	AGGCUUCC C CUUCGUCG	2746	CGACGAAG CUGAUGAG GCCGUUAGGC CGAA IGAAGCCU	18054
7176	GGCUUCCC C UUCGUCGA	2747	UCGACGAA CUGAUGAG GCCGUUAGGC CGAA IGGAAGCC	+
7177	GCUUCCCC U UCGUCGAU	2748	AUCGACGA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGC	18055
7200	GUGUCGGC U CUCCUGCU	2749	AGCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCGACAC	18056
7202	GUCGGCUC U CCUGCUAG	2750		18057
7204	CGGCUCUC C UGCUAGCA	2751	CUAGCAGG CUGAUGAG GCCGUUAGGC CGAA IAGCCGAC UGCUAGCA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCG	18058
7205	GGCUCUCC U GCUAGCAG	2752		18059
7208	UCUCCUGC U AGCAGCCG	2753	CUGCUAGC CUGAUGAG GCCGUUAGGC CGAA IGAGAGCC	18060
7212	CUGCUAGC A GCCGGAUG	+	CGGCUGCU CUGAUGAG GCCGUUAGGC CGAA ICAGGAGA	18061
7215	CUAGCAGC C GGAUGCUG	2754	CAUCCGGC CUGAUGAG GCCGUUAGGC CGAA ICUAGCAG	18062
7222	 	2755	CAGCAUCC CUGAUGAG GCCGUUAGGC CGAA ICUGCUAG	18063
h	CCGGAUGC U GGGGACAA	2756	UUGUCCCC CUGAUGAG GCCGUUAGGC CGAA ICAUCCGG	18064
7229	CUGGGGAC A AGUCACCC	2757	GGGUGACU CUGAUGAG GCCGUUAGGC CGAA IUCCCCAG	18065
7234	GACAAGUC A CCCUCACC	2758	GGUGAGGG CUGAUGAG GCCGUUAGGC CGAA IACUUGUC	18066
7236	CAAGUCAC C CUCACCGU	2759	ACGGUGAG CUGAUGAG GCCGUUAGGC CGAA IUGACUUG	18067
7237	AAGUCACC C UCACCGUU	2760	AACGGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGACUU	18068
7238	AGUCACCC U CACCGUUA	2761	UAACGGUG CUGAUGAG GCCGUUAGGC CGAA IGGUGACU	18069
7240	UCACCCUC A CCGUUACG	2762	CGUAACGG CUGAUGAG GCCGUUAGGC CGAA IAGGGUGA	18070
7242	ACCCUCAC C GUUACGGU	2763	ACCGUAAC CUGAUGAG GCCGUUAGGC CGAA IUGAGGGU	18071
7254	ACGGUAAC A GCGGCAAC	2764	GUUGCCGC CUGAUGAG GCCGUUAGGC CGAA IUUACCGU	18072
7260	ACAGCGGC A ACACUCCU	2765	AGGAGUGU CUGAUGAG GCCGUUAGGC CGAA ICCGCUGU	18073
7263	GCGGCAAC A CUCCUUUU	2766	AAAAGGAG CUGAUGAG GCCGUUAGGC CGAA IUUGCCGC	18074
7265	GGCAACAC U CCUUUUUU	2767	AAAAAAGG CUGAUGAG GCCGUUAGGC CGAA IUGUUGCC	18075
7267	CAACACUC C UUUUUUGC	2768	GCAAAAAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUUG	18075
7268	AACACUCC U UUUUUGCC	2769	GGCAAAAA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUU	
7276	UUUUUUGC C ACUAUGCC	2770	GGCAUAGU CUGAUGAG GCCGUUAGGC CGAA ICAAAAAA	18077
7277	UUUUUGCC A CUAUGCCU	2771	AGGCAUAG CUGAUGAG GCCGUUAGGC CGAA IGCAAAAA	18078
7279	UUUGCCAC U AUGCCUAC	2772	GUAGGCAU CUGAUGAG GCCGUUAGGC CGAA IUGGCAAA	18079
7284	CACUAUGC C UACAUGGU	2773	ACCAUGUA CUGAUGAG GCCGUUAGGC CGAA ICAUAGUG	18080
7285	ACUAUGCC U ACAUGGUU	2774		18081
7288	AUGCCUAC A UGGUUCCC	2775		18082
7295	CAUGGUUC C CGGUUGGC	2776	0001	18083
7296	AUGGUUCC C GGUUGGCA	2777		18084
7304	CGGUUGGC A AGCUGAGG	2778		18085
7308	UGGCAAGC U GAGGCAAU	2779	CCUCAGCU CUGAUGAG GCCGUUAGGC CGAA ICCAACCG	18086
7314	GCUGAGGC A AUGCGCUC	2780	AUUGCCUC CUGAUGAG GCCGUUAGGC CGAA ICUUGCCA	18087
7321	CAAUGCGC U CAGCCCAG		GAGCGCAU CUGAUGAG GCCGUUAGGC CGAA ICCUCAGC	18088
7323	AUGCGCUC A GCCCAGCG	2781	CUGGGCUG CUGAUGAG GCCGUUAGGC CGAA ICGCAUUG	18089
7326	CGCUCAGC C CAGCGGCG	2782	CGCUGGGC CUGAUGAG GCCGUUAGGC CGAA IAGCGCAU	18090
7327	GCUCAGCC C AGCGGCG	2783	CGCCGCUG CUGAUGAG GCCGUUAGGC CGAA ICUGAGCG	18091
7328		2784	CCGCCGCU CUGAUGAG GCCGUUAGGC CGAA IGCUGAGC	18092
7338	CUCAGCCC A GCGGCGGA	2785	UCCGCCGC CUGAUGAG GCCGUUAGGC CGAA IGGCUGAG	18093
7344	CGGCGGAC A GCGGCCGG	2786	CCGGCCGC CUGAUGAG GCCGUUAGGC CGAA IUCCGCCG	18094
	ACAGCGGC C GGAAUCAU	2787	AUGAUUCC CUGAUGAG GCCGUUAGGC CGAA ICCGCUGU	18095
7351	CCGGAAUC A UGAAGAAC	2788	GUUCUUCA CUGAUGAG GCCGUUAGGC CGAA IAUUCCGG	18096
7362	AAGAACGC U GUAGUGGA	2789	UCCACUAC CUGAUGAG GCCGUUAGGC CGAA ICGUUCUU	18097
7375	UGGAUGGC A UCGUGGCC	2790	GGCCACGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCCA	18098
7383	AUCGUGGC C ACGGACGU	2791	ACGUCCGU CUGAUGAG GCCGUUAGGC CGAA ICCACGAU	18099
7384	UCGUGGCC A CGGACGUC	2792	GACGUCCG CUGAUGAG GCCGUUAGGC CGAA IGCCACGA	18100
7393	CGGACGUC C CAGAAUUA	2793	UAAUUCUG CUGAUGAG GCCGUUAGGC CGAA IACGUCCG	18101
7394	GGACGUCC C AGAAUUAG	2794	CUAAUUCU CUGAUGAG GCCGUUAGGC CGAA IGACGUCC	18102
7395	GACGUCCC A GAAUUAGA	2795	UCUAAUUC CUGAUGAG GCCGUUAGGC CGAA IGGACGUC	18103
7408	UAGAGCGC A CCACACCC	2796	GGGUGUGG CUGAUGAG GCCGUUAGGC CGAA ICGCUCUA	18104
7410	GAGCGCAC C ACACCCAU	2797	AUGGGUGU CUGAUGAG GCCGUUAGGC CGAA IUGCGCUC	18105
7411	AGCGCACC A CACCCAUC	2798	GAUGGGUG CUGAUGAG GCCGUUAGGC CGAA IGUGCGCU	18106
7413	CGCACCAC A CCCAUCAU	2799	AUGAUGGG CUGAUGAG GCCGUUAGGC CGAA IUGGUGCG	18107
7415	CACCACAC C CAUCAUGC	2800	GCAUGAUG CUGAUGAG GCCGUUAGGC CGAA IUGUGGUG	18108
7416	ACCACACC C AUCAUGCA	2801	UGCAUGAU CUGAUGAG GCCGUUAGGC CGAA IGUGUGGU	
7417	CCACACCC A UCAUGCAG	2802	CUGCAUGA CUGAUGAG GCCGUUAGGC CGAA IGGUGUGG	18109
7420	CACCCAUC A UGCAGAAG	2803	CUUCUGCA CUGAUGAG GCCGUUAGGC CGAA IAUGGGUG	18110
			GCCGOUNGGC CGAN TAUGGGUG	18111

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	•		Table IV	
7424	CAUCAUGC A GAAGAAAG	2804	CUUUCUUC CUGAUGAG GCCGUUAGGC CGAA ICAUGAUG	18112
7439	AGUUGGAC A GAUCAUGC	2805	GCAUGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCAACU	18113
7444	GACAGAUC A UGCUGAUC	2806	GAUCAGCA CUGAUGAG GCCGUUAGGC CGAA IAUCUGUC	
7448	GAUCAUGC U GAUCUUGG	2807	CCAAGAUC CUGAUGAG GCCGUUAGGC CGAA ICAUGAUC	18114
7453	UGCUGAUC U UGGUGUCU	2808	AGACACCA CUGAUGAG GCCGUUAGGC CGAA IAUCAGCA	18115
7461	UUGGUGUC U CUAGCUGC	2809		18116
7463			GCAGCUAG CUGAUGAG GCCGUUAGGC CGAA IACACCAA	18117
	GGUGUCUC U AGCUGCAG	2810	CUGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAGACACC	18118
7467	UCUCUAGC U GCAGUAGU	2811	ACUACUGC CUGAUGAG GCCGUUAGGC CGAA ICUAGAGA	18119
7470	CUAGCUGC A GUAGUAGU	2812	ACUACUAC CUGAUGAG GCCGUUAGGC CGAA ICAGCUAG	18120
7483	UAGUGAAC C CGUCUGUG	2813	CACAGACG CUGAUGAG GCCGUUAGGC CGAA IUUCACUA	18121
7484	AGUGAACC C GUCUGUGA	2814	UCACAGAC CUGAUGAG GCCGUUAGGC CGAA IGUUCACU	18122
7488	AACCCGUC U GUGAAGAC	2815	GUCUUCAC CUGAUGAG GCCGUUAGGC CGAA IACGGGUU	18123
7497	GUGAAGAC A GUACGAGA	2816	UCUCGUAC CUGAUGAG GCCGUUAGGC CGAA IUCUUCAC	18124
7509	CGAGAAGC C GGAAUUUU	2817	AAAAUUCC CUGAUGAG GCCGUUAGGC CGAA ICUUCUCG	18125
7522	UUUUGAUC A CGGCCGCA	2818	UGCGGCCG CUGAUGAG GCCGUUAGGC CGAA IAUCAAAA	
7527	AUCACGGC C GCAGCGGU	2819	ACCECUEC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAU	18126
7530	ACGGCCGC A GCGGUGAC	2820		18127
7541	GGUGACGC U UUGGGAGA	. 2821	GUCACCGC CUGAUGAG GCCGUUAGGC CGAA ICGGCCGU	18128
7557	AAUGGAGC A AGCUCUGU		UCUCCCAA CUGAUGAG GCCGUUAGGC CGAA ICGUCACC	18129
		2822	ACAGAGCU CUGAUGAG GCCGUUAGGC CGAA ICUCCAUU	18130
7561	GAGCAAGC U CUGUUUGG	2823	CCAAACAG CUGAUGAG GCCGUUAGGC CGAA ICUUGCUC	18131
7563	GCAAGCUC U GUUUGGAA	2824	UUCCAAAC CUGAUGAG GCCGUUAGGC CGAA IAGCUUGC	18132
7575	UGGAACGC A ACAACUGC	2825	GCAGUUGU CUGAUGAG GCCGUUAGGC CGAA ICGUUCCA	18133
7578	AACGCAAC A ACUGCCAU	2826	AUGGCAGU CUGAUGAG GCCGUUAGGC CGAA IUUGCGUU	18134
7581	GCAACAAC U GCCAUCGG	2827	CCGAUGGC CUGAUGAG GCCGUUAGGC CGAA IUUGUUGC	18135
7584	ACAACUGC C AUCGGACU	2828	AGUCCGAU CUGAUGAG GCCGUUAGGC CGAA ICAGUUGU	18136
7585	CAACUGCC A UCGGACUC	2829	GAGUCCGA CUGAUGAG GCCGUUAGGC CGAA IGCAGUUG	18137
7592	CAUCGGAC U CUGCCACA	2830	UGUGGCAG CUGAUGAG GCCGUUAGGC CGAA IUCCGAUG	18138
7594	UCGGACUC U GCCACAUC	2831	GAUGUGGC CUGAUGAG GCCGUUAGGC CGAA IAGUCCGA	
7597	GACUCUGC C ACAUCAUG	2832	CAUGAUGU CUGAUGAG GCCGUUAGGC CGAA ICAGAGUC	18139
7598	ACUCUGCC A CAUCAUGC	2833	GCAUGAUG CUGAUGAG GCCGUUAGGC CGAA ICAGAGUC	18140
7600	UCUGCCAC A UCAUGCGU	2834		18141
7603	GCCACAUC A UGCGUGGG		ACGCAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGCAGA	18142
7623	UGGUUGUC A UGUCUAUC	2835	CCCACGCA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGC	18143
7628		2836	GAUAGACA CUGAUGAG GCCGUUAGGC CGAA IACAACCA	18144
7632	GUCAUGUC U AUCCAUAA	2837	UUAUGGAU CUGAUGAG GCCGUUAGGC CGAA IACAUGAC	18145
	UGUCUAUC C AUAACAUG	2838	CAUGUUAU CUGAUGAG GCCGUUAGGC CGAA IAUAGACA	18146
7633	GUCUAUCC A UAACAUGG	2839	CCAUGUUA CUGAUGAG GCCGUUAGGC CGAA IGAUAGAC	18147
7638	UCCAUAAC A UGGACACU	2840	AGUGUCCA CUGAUGAG GCCGUUAGGC CGAA IUUAUGGA	18148
7644	ACAUGGAC A CUCAUAAA	2841	UUUAUGAG CUGAUGAG GCCGUUAGGC CGAA IUCCAUGU	18149
7646	AUGGACAC U CAUAAAGA	2842	UCUUUAUG CUGAUGAG GCCGUUAGGC CGAA IUGUCCAU	18150
7648	GGACACUC A UAAAGAAC	2843	GUUCUUUA CUGAUGAG GCCGUUAGGC CGAA IAGUGUCC	18151
7657	UAAAGAAC A UGGAAAAA	2844	UUUUUCCA CUGAUGAG GCCGUUAGGC CGAA IUUCUUUA	18152
7667	GGAAAAAC C AGGACUAA	2845	UUAGUCCU CUGAUGAG GCCGUUAGGC CGAA IUUUUUCC	18153
7668	GAAAAACC A GGACUAAA	2846	UUUAGUCC CUGAUGAG GCCGUUAGGC CGAA IGUUUUUC	
7673	ACCAGGAC U AAAAAGAG	2847	CUCUUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCUGGU	18154
7689	GGUGGGGC A AAAGGACG	2848	CGUCCUUU CUGAUGAG GCCGUUAGGC CGAA ICCCCACC	18155
7699	AAGGACGC A CCUUGGGA	2849	UCCCAAGG CUGAUGAG GCCGUUAGGC CGAA ICCCCACC	18156
7701	GGACGCAC C UUGGGAGA	2850		18157
7702	GACGCACC U UGGGAGAG	2851	UCUCCCAA CUGAUGAG GCCGUUAGGC CGAA IUGCGUCC	18158
7727			CUCUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUGCGUC	18159
7729	AGAAAGAC U CAACCAGA	2852	UCUGGUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUUCU	18160
	AAAGACUC A ACCAGAUG	2853	CAUCUGGU CUGAUGAG GCCGUUAGGC CGAA IAGUCUUU	18161
7732	GACUCAAC C AGAUGACA	2854	UGUCAUCU CUGAUGAG GCCGUUAGGC CGAA IUUGAGUC	18162
7733	ACUCAACC A GAUGACAA	2855	UUGUCAUC CUGAUGAG GCCGUUAGGC CGAA IGUUGAGU	18163
7740	CAGAUGAC A AAAGAAGA	2856	UCUUCUUU CUGAUGAG GCCGUUAGGC CGAA IUCAUCUG	18164
7753	AAGAGUUC A CUAGGUAC	2857	GUACCUAG CUGAUGAG GCCGUUAGGC CGAA IAACUCUU	18165
7755	GAGUUCAC U AGGUACCG	2858	CGGUACCU CUGAUGAG GCCGUUAGGC CGAA IUGAACUC	18166
7762	CUAGGUAC C GCAAAGAG	2859	CUCUUUGC CUGAUGAG GCCGUUAGGC CGAA IUACCUAG	18167
7765	GGUACCGC A AAGAGGCC	2860	GGCCUCUU CUGAUGAG GCCGUUAGGC CGAA ICGGUACC	
7773	AAAGAGGC C AUCAUCGA	2861	UCGAUGAU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUU	18168
7774	AAGAGGCC A UCAUCGAA	2862		18169
7777	AGGCCAUC A UCGAAGUC	2863	UUCGAUGA CUGAUGAG GCCGUUAGGC CGAA IGCCUCUU	18170
7792	UCGAUCGC U CAGCGGCA	2864	GACUUCGA CUGAUGAG GCCGUUAGGC CGAA IAUGGCCU	18171
	Carocock	2004	UGCCGCUG CUGAUGAG GCCGUUAGGC CGAA ICGAUCGA	18172

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7794	GAUCGCUC A GCGGCAAA	2865	UUUGCCGC CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC	18173
7800	UCAGCGGC A AAACACGC	2866	GCGUGUUU CUGAUGAG GCCGUUAGGC CGAA ICCGCUGA	18174
7805	GGCAAAAC A CGCCAGGA	2867	UCCUGGCG CUGAUGAG GCCGUUAGGC CGAA IUUUUGCC	18175
7809	AAACACGC C AGGAAAGA	2868	UCUUUCCU CUGAUGAG GCCGUUAGGC CGAA ICGUGUUU	18176
7810	AACACGCC A GGAAAGAA	2869	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA IGCGUGUU	
7822	AAGAAGGC A AUGUCACU	2870	AGUGACAU CUGAUGAG GCCGUUAGGC CGAA ICCUUCUU	18177
7828	GCAAUGUC A CUGGAGGG	2871	CCCUCCAG CUGAUGAG GCCGUUAGGC CGAA IACAUUGC	18178
7830	AAUGUCAC U GGAGGGCA	2872		18179
7838	UGGAGGGC A UCCAGUCU	2873	UGCCCUCC CUGAUGAG GCCGUUAGGC CGAA IUGACAUU	18180
7841	- 		AGACUGGA CUGAUGAG GCCGUUAGGC CGAA ICCCUCCA	18181
7842	AGGGCAUC C AGUCUCUA	2874	UAGAGACU CUGAUGAG GCCGUUAGGC CGAA IAUGCCCU	18182
	GGGCAUCC A GUCUCUAG	2875	CUAGAGAC CUGAUGAG GCCGUUAGGC CGAA IGAUGCCC	18183
7846	AUCCAGUC U CUAGGGGC	2876	GCCCCUAG CUGAUGAG GCCGUUAGGC CGAA IACUGGAU	18184
7848	CCAGUCUC U AGGGGCAC	2877	GUGCCCCU CUGAUGAG GCCGUUAGGC CGAA IAGACUGG	18185
7855	CUAGGGC A CAGCAAAA	2878	UUUUGCUG CUGAUGAG GCCGUUAGGC CGAA ICCCCUAG	18186
7857	AGGGGCAC A GCAAAACU	2879	AGUUUUGC CUGAUGAG GCCGUUAGGC CGAA IUGCCCCU	18187
7860	GGCACAGC A AAACUGAG	2880	CUCAGUUU CUGAUGAG GCCGUUAGGC CGAA ICUGUGCC	18188
7865	AGCAAAAC U GAGAUGGC	2881	GCCAUCUC CUGAUGAG GCCGUUAGGC CGAA IUUUUGCU	18189
7874	GAGAUGGC U GGUCGAAC	2882	GUUCGACC CUGAUGAG GCCGUUAGGC CGAA ICCAUCUC	18190
7892	GAGGUUUC U CGAACCGG	2883	CCGGUUCG CUGAUGAG GCCGUUAGGC CGAA IAAACCUC	18191
7898	UCUCGAAC C GGUCGGAA	2884	UUCCGACC CUGAUGAG GCCGUUAGGC CGAA IUUCGAGA	
7918	UGAUUGAC C UUGGAUGU	2885	ACAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAAUCA	18192
7919	GAUUGACC U UGGAUGUG	2886	CACAUCCA CUGAUGAG GCCGUUAGGC CGAA IGUCAAUC	18193
7948	GGUGUUAC U AUAUGGCA	2887		18194
7956	UAUAUGGC A ACCCAAAA	2888	UGCCAUAU CUGAUGAG GCCGUUAGGC CGAA IUAACACC	18195
7959	AUGGCAAC C CAAAAAAG		UUUUGGGU CUGAUGAG GCCGUUAGGC CGAA ICCAUAUA	18196
7960		2889	CUUUUUUG CUGAUGAG GCCGUUAGGC CGAA IUUGCCAU	18197
7961	UGGCAACC C AAAAAAGA	2890	UCUUUUUU CUGAUGAG GCCGUUAGGC CGAA IGUUGCCA	18198
	GGCAACCC A AAAAAGAG	2891	CUCUUUUU CUGAUGAG GCCGUUAGGC CGAA IGGUUGCC	18199
7972	AAAGAGUC C AAGAAGUC	2892	GACUUCUU CUGAUGAG GCCGUUAGGC CGAA IACUCUUU	18200
7973	AAGAGUCC A AGAAGUCA	2893	UGACUUCU CUGAUGAG GCCGUUAGGC CGAA IGACUCUU	18201
7981	AAGAAGUC A GAGGGUAC	2894	GUACCCUC CUGAUGAG GCCGUUAGGC CGAA IACUUCUU	18202
7990	GAGGGUAC A CAAAGGGC	2895	GCCCUUUG CUGAUGAG GCCGUUAGGC CGAA IUACCCUC	18203
7992	GGGUACAC A AAGGGCGG	2896	CCGCCCUU CUGAUGAG GCCGUUAGGC CGAA IUGUACCC	18204
8003	GGGCGGUC C CGGACAUG	2897	CAUGUCCG CUGAUGAG GCCGUUAGGC CGAA IACCGCCC	18205
8004	GGCGGUCC C GGACAUGA	2898	UCAUGUCC CUGAUGAG GCCGUUAGGC CGAA IGACCGCC	18206
8009	UCCCGGAC A UGAAGAGC	2899	GCUCUUCA CUGAUGAG GCCGUUAGGC CGAA IUCCGGGA	18207
8018	UGAAGAGC C CCAACUAG	2900	CUAGUUGG CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA	
8019	GAAGAGCC C CAACUAGU	2901	ACUAGUUG CUGAUGAG GCCGUUAGGC CGAA IGCUCUUC	18208
8020	AAGAGCCC C AACUAGUG	2902	CACUAGUU CUGAUGAG GCCGUUAGGC CGAA IGCUCUU	18209
8021	AGAGCCCC A ACUAGUGC	2903		18210
8024	GCCCCAAC U AGUGCAAA	2904		18211
8030	ACUAGUGC A AAGUUAUG	2905	UUUGCACU CUGAUGAG GCCGUUAGGC CGAA IUUGGGGC CAUAACUU CUGAUGAG GCCGUUAGGC CGAA ICACUAGU	18212
8047	GAUGGAAC A UUGUCACC	2906		18213
8053	ACAUUGUC A CCAUGAAG		GGUGACAA CUGAUGAG GCCGUUAGGC CGAA IUUCCAUC	18214
8055	AUUGUCAC C AUGAAGAG	2907	CUUCAUGG CUGAUGAG GCCGUUAGGC CGAA IACAAUGU	18215
8056		2908	CUCUUCAU CUGAUGAG GCCGUUAGGC CGAA IUGACAAU	18216
	UUGUCACC A UGAAGAGU	2909	ACUCUUCA CUGAUGAG GCCGUUAGGC CGAA IGUGACAA	18217
8080	AUGUGUUC U ACAGACCU	2910	AGGUCUGU CUGAUGAG GCCGUUAGGC CGAA IAACACAU	18218
8083	UGUUCUAC A GACCUUCU	2911	AGAAGGUC CUGAUGAG GCCGUUAGGC CGAA IUAGAACA	18219
8087	CUACAGAC C UUCUGAGU	2912	ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUCUGUAG	18220
8088	UACAGACC U UCUGAGUG	2913	CACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUCUGUA	18221
8091	AGACCUUC U GAGUGUUG	2914	CAACACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUCU	18222
8104	GUUGUGAC A CCCUCCUU	2915	AAGGAGGG CUGAUGAG GCCGUUAGGC CGAA IUCACAAC	18223
8106	UGUGACAC C CUCCUUUG	2916	CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA IUGUCACA	18224
8107	GUGACACC C UCCUUUGU	2917	ACAAAGGA CUGAUGAG GCCGUUAGGC CGAA IGUGUCAC	18225
8108	UGACACCC U CCUUUGUG	2918	CACAAAGG CUGAUGAG GCCGUUAGGC CGAA IGGUGUCA	
8110	ACACCCUC C UUUGUGAC	2919	GUCACAAA CUGAUGAG GCCGUUAGGC CGAA IAGGGUGU	18226
8111	CACCCUCC U UUGUGACA	2920	UGUCACAA CUGAUGAG GCCGUUAGGC CGAA IAGGGUG	18227
8119	UUUGUGAC A UCGGAGAG	2921	CICUCOCA CUCAUCAC COOCHER COS COST	18228
8130	GGAGAGUC C UCGUCAAG	2922	CUCUCCGA CUGAUGAG GCCGUUAGGC CGAA IUCACAAA	18229
8131	GAGAGUCC U CGUCAAGU	2923	CUUGACGA CUGAUGAG GCCGUUAGGC CGAA IACUCUCC	18230
8136	UCCUCGUC A AGUGCUGA		ACUUGACG CUGAUGAG GCCGUUAGGC CGAA IGACUCUC	18231
8142	UCAAGUGC U GAGGUUGA	2924	UCAGCACU CUGAUGAG GCCGUUAGGC CGAA IACGAGGA	18232
	JACOB O GAGGOOGA	2925	UCAACCUC CUGAUGAG GCCGUUAGGC CGAA ICACUUGA	18233

8156	UGAAGAGC A UAGGACGA	2926	HOWHOWN CHANNEL COOKERS AND AND	
8173	UUCGGGUC C UUGAAAUG		UCGUCCUA CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA	18234
		2927	CAUUUCAA CUGAUGAG GCCGUUAGGC CGAA IACCCGAA	18235
8174	UCGGGUCC U UGAAAUGG	2928	CCAUUUCA CUGAUGAG GCCGUUAGGC CGAA IGACCCGA	18236
8191	UUGAGGAC U GGCUGCAC	2929	GUGCAGCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA	18237
8195	GGACUGGC U GCACCGAG	2930	CUCGGUGC CUGAUGAG GCCGUUAGGC CGAA ICCAGUCC	18238
8198	CUGGCUGC A CCGAGGGC	2931	GCCCUCGG CUGAUGAG GCCGUUAGGC CGAA ICAGCCAG	18239
8200	GGCUGCAC C GAGGGCCA	2932	UGGCCCUC CUGAUGAG GCCGUUAGGC CGAA IUGCAGCC	18240
8207	CCGAGGGC C AAGGGAAU	2933	AUUCCCUU CUGAUGAG GCCGUUAGGC CGAA ICCCUCGG	18241
8208	CGAGGGCC A AGGGAAUU	2934	AAUUCCCU CUGAUGAG GCCGUUAGGC CGAA IGCCCUCG	
8231	GAAGGUGC U CUGCCCCU	2935	AGGGGCAG CUGAUGAG GCCGUUAGGC CGAA ICACCUUC	18242
8233	AGGUGCUC U GCCCCUAC	2936		18243
8236	UGCUCUGC C CCUACAUG	2937	GUAGGGGC CUGAUGAG GCCGUUAGGC CGAA IAGCACCU	18244
8237			CAUGUAGG CUGAUGAG GCCGUUAGGC CGAA ICAGAGCA	18245
	GCUCUGCC C CUACAUGC	2938	GCAUGUAG CUGAUGAG GCCGUUAGGC CGAA IGCAGAGC	18246
8238	CUCUGCCC C UACAUGCC	2939	GGCAUGUA CUGAUGAG GCCGUUAGGC CGAA IGGCAGAG	18247
8239	UCUGCCCC U ACAUGCCG	2940	CGGCAUGU CUGAUGAG GCCGUUAGGC CGAA IGGGCAGA	18248
8242	GCCCCUAC A UGCCGAAA	2941	UUUCGGCA CUGAUGAG GCCGUUAGGC CGAA IUAGGGGC	18249
8246	CUACAUGC C GAAAGUCA	2942	UGACUUUC CUGAUGAG GCCGUUAGGC CGAA ICAUGUAG	18250
8254	CGAAAGUC A UAGAGAAG	2943	CUUCUCUA CUGAUGAG GCCGUUAGGC CGAA IACUUUCG	18251
8270	GAUGGAGC U GCUCCAAC	2944	GUUGGAGC CUGAUGAG GCCGUUAGGC CGAA ICUCCAUC	+
8273	GGAGCUGC U CCAACGCC	2945	GGCGUUGG CUGAUGAG GCCGUUAGGC CGAA ICAGCUCC	18252
8275	AGCUGCUC C AACGCCGG	2946	CCGGCGUU CUGAUGAG GCCGUUAGGC CGAA IAGCAGCU	18253
8276	GCUGCUCC A ACGCCGGU	2947	ACCECCUL CHENTEN COCCUMAGGE COM TAGENGEU	18254
8281	UCCAACGC C GGUAUGGG		ACCGCGU CUGAUGAG GCCGUUAGGC CGAA IGAGCAGC	18255
8297		2948	CCCAUACC CUGAUGAG GCCGUUAGGC CGAA ICGUUGGA	18256
8302	GGGGGGAC U GGUCAGAA	2949	UUCUGACC CUGAUGAG GCCGUUAGGC CGAA IUCCCCCC	18257
	GACUGGUC A GAAACCCA	2950	UGGGUUUC CUGAUGAG GCCGUUAGGC CGAA IACCAGUC	18258
8308	UCAGAAAC C CACUCUCA	2951	UGAGAGUG CUGAUGAG GCCGUUAGGC CGAA IUUUCUGA	18259
8309	CAGAAACC C ACUCUCAC	2952	GUGAGAGU CUGAUGAG GCCGUUAGGC CGAA IGUUUCUG	18260
8310	AGAAACCC A CUCUCACG	2953	CGUGAGAG CUGAUGAG GCCGUUAGGC CGAA IGGUUUCU	18261
8312	AAACCCAC U CUCACGGA	2954	UCCGUGAG CUGAUGAG GCCGUUAGGC CGAA IUGGGUUU	18262
8314	ACCCACUC U CACGGAAU	2955	AUUCCGUG CUGAUGAG GCCGUUAGGC CGAA IAGUGGGU	
8316	CCACUCUC A CGGAAUUC	2956	GAAUUCCG CUGAUGAG GCCGUUAGGC CGAA IAGAGUGG	18263
8325	CGGAAUUC C ACGCACGA	2957		18264
8326	GGAAUUCC A CGCACGAG	2958	UCGUGCGU CUGAUGAG GCCGUUAGGC CGAA IAAUUCCG	18265
8330	UUCCACGC A CGAGAUGU	2959	CUCGUGCG CUGAUGAG GCCGUUAGGC CGAA IGAAUUCC	18266
8355	AGUCGAGC U UCAGGCAA		ACAUCUCG CUGAUGAG GCCGUUAGGC CGAA ICGUGGAA	18267
8358		2960	UUGCCUGA CUGAUGAG GCCGUUAGGC CGAA ICUCGACU	18268
	CGAGCUUC A GGCAAUGU	2961	ACAUUGCC CUGAUGAG GCCGUUAGGC CGAA IAAGCUCG	18269
8362	CUUCAGGC A AUGUGGUA	2962	UACCACAU CUGAUGAG GCCGUUAGGC CGAA ICCUGAAG	18270
8372	UGUGGUAC A UUCAGUGA	2963	UCACUGAA CUGAUGAG GCCGUUAGGC CGAA IUACCACA	18271
8376	GUACAUUC A GUGAAUAU	2964	AUAUUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUGUAC	18272
8388	AAUAUGAC C AGCCAGGU	2965	ACCUGGCU CUGAUGAG GCCGUUAGGC CGAA IUCAUAUU	18273
8389	AUAUGACC A GCCAGGUG	2966	CACCUGGC CUGAUGAG GCCGUUAGGC CGAA IGUCAUAU	18274
8392	UGACCAGC C AGGUGCUC	2967	GAGCACCU CUGAUGAG GCCGUUAGGC CGAA ICUGGUCA	18275
8393	GACCAGCC A GGUGCUCC	2968	GGAGCACC CUGAUGAG GCCGUUAGGC CGAA IGCUGGUC	
8399	CCAGGUGC U CCUAGGAA	2969	UUCCUAGG CUGAUGAG GCCGUUAGGC CGAA ICACCUGG	18276
8401	AGGUGCUC C UAGGAAGA	2970	UCINICCIA CIGNIGAG CCCCUTA CCC CGA TCACCUGG	18277
8402	GGUGCUCC U AGGAAGAA	2971	UCUUCCUA CUGAUGAG GCCGUUAGGC CGAA IAGCACCU	18278
8424	AAAAGGAC C UGGAAGGG		UUCUUCCU CUGAUGAG GCCGUUAGGC CGAA IGAGCACC	18279
8425		2972	CCCUUCCA CUGAUGAG GCCGUUAGGC CGAA IUCCUUUU	18280
8435	AAAGGACC U GGAAGGGA	2973	UCCCUUCC CUGAUGAG GCCGUUAGGC CGAA IGUCCUUU	18281
	GAAGGGAC C CCAAUACG	2974	CGUAUUGG CUGAUGAG GCCGUUAGGC CGAA IUCCCUUC	18282
8436	AAGGGACC C CAAUACGA	2975	UCGUAUUG CUGAUGAG GCCGUUAGGC CGAA IGUCCCUU	18283
8437	AGGGACCC C AAUACGAG	2976	CUCGUAUU CUGAUGAG GCCGUUAGGC CGAA IGGUCCCU	18284
8438	GGGACCCC A AUACGAGG	2977	CCUCGUAU CUGAUGAG GCCGUUAGGC CGAA IGGGUCCC	18285
8458	AUGUAAAC U UGGGAAGU	2978	ACUUCCCA CUGAUGAG GCCGUUAGGC CGAA IUUUACAU	18286
8472	AGUGGAAC C AGGGCGGU	2979	ACCGCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCACU	
8473	GUGGAACC A GGGCGGUG	2980	CACCGCCC CUGAUGAG GCCGUUAGGC CGAA IGUUCCAC	18287
8489	GGGAAAAC C CCUGCUCA	2981	HGAGCAGG GUGANGAG GGGGGGGGGGGGGGGGGGGGGGGGGGG	18288
8490	GGAAAACC C CUGCUCAA	2982	UGAGCAGG CUGAUGAG GCCGUUAGGC CGAA IUUUUCCC	18289
8491	GAAAACCC C UGCUCAAC		UUGAGCAG CUGAUGAG GCCGUUAGGC CGAA IGUUUUCC	18290
8492	AAAACCCC U GCUCAACU	2983	GUUGAGCA CUGAUGAG GCCGUUAGGC CGAA IGGUUUUC	18291
8495	ACCCCUGC U CAACUCAG	2984	AGUUGAGC CUGAUGAG GCCGUUAGGC CGAA IGGGUUUU	18292
		2985	CUGAGUUG CUGAUGAG GCCGUUAGGC CGAA ICAGGGGU	18293
8497	CCCUGCUC A ACUCAGAC	2986	GUCUGAGU CUGAUGAG GCCGUUAGGC CGAA IAGCAGGG	18294
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8500	UGCUCAAC U CAGACACC	2987	GGUGUCUG CUGAUGAG GCCGUUAGGC CGAA IUUGAGCA	18295
8502	CUCAACUC A GACACCAG	2988	CUGGUGUC CUGAUGAG GCCGUUAGGC CGAA IAGUUGAG	18296
8506	ACUCAGAC A CCAGUAAA	2989	UUUACUGG CUGAUGAG GCCGUUAGGC CGAA IUCUGAGU	18297
8508	UCAGACAC C AGUAAAAU	2990	AUUUUACU CUGAUGAG GCCGUUAGGC CGAA IUGUCUGA	18298
8509	CAGACACC A GUAAAAUC	2991	GAUUUUAC CUGAUGAG GCCGUUAGGC CGAA IGUGUCUG	
8518	GUAAAAUC A AGAACAGG	2992	CCUGUUCU CUGAUGAG GCCGUUAGGC CGAA IAUUUUAC	18299
8524	UCAAGAAC A GGAUUGAA	2993	UUCAAUCC CUGAUGAG GCCGUUAGGC CGAA IUUCUUGA	18300
8537	UGAACGAC U CAGGCGUG	2994		18301
8539	AACGACUC A GGCGUGAG	2995	CACGCCUG CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA CUCACGCC CUGAUGAG GCCGUUAGGC CGAA IAGUCGUU	18302
8551	GUGAGUAC A GUUCGACG	2996		18303
8564	GACGUGGC A CCACGAUG	2997		18304
8566	CGUGGCAC C ACGAUGAG	2998	CAUCGUGG CUGAUGAG GCCGUUAGGC CGAA ICCACGUC	18305
8567	GUGGCACC A CGAUGAGA	2999	CUCAUCGU CUGAUGAG GCCGUUAGGC CGAA IUGCCACG	18306
8578	AUGAGAAC C ACCCAUAU	3000	UCUCAUCG CUGAUGAG GCCGUUAGGC CGAA IGUGCCAC	18307
8579	UGAGAACC A CCCAUAUA		AUAUGGGU CUGAUGAG GCCGUUAGGC CGAA IUUCUCAU	18308
8581	AGAACCAC C CAUAUAGA	3001	UAUAUGGG CUGAUGAG GCCGUUAGGC CGAA IGUUCUCA	18309
8582	 	3002	UCUAUAUG CUGAUGAG GCCGUUAGGC CGAA IUGGUUCU	18310
8583	GAACCACC C AUAUAGAA	3003	UUCUAUAU CUGAUGAG GCCGUUAGGC CGAA IGUGGUUC	18311
	AACCACCC A UAUAGAAC	3004	GUUCUAUA CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU	18312
8592	UAUAGAAC C UGGAACUA	3005	UAGUUCCA CUGAUGAG GCCGUUAGGC CGAA IUUCUAUA	18313
8593	AUAGAACC U GGAACUAU	3006	AUAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGUUCUAU	18314
8599	CCUGGAAC U AUCACGGC	3007	GCCGUGAU CUGAUGAG GCCGUUAGGC CGAA IUUCCAGG	18315
8603	GAACUAUC A CGGCAGUU	3008	AACUGCCG CUGAUGAG GCCGUUAGGC CGAA IAUAGUUC	18316
8608	AUCACGGC A GUUAUGAU	3009	AUCAUAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAU	18317
8624	UGUGAAGC C CACAGGCU	3010	AGCCUGUG CUGAUGAG GCCGUUAGGC CGAA ICUUCACA	18318
8625	GUGAAGCC C ACAGGCUC	3011	GAGCCUGU CUGAUGAG GCCGUUAGGC CGAA IGCUUCAC	18319
8626	UGAAGCCC A CAGGCUCC	3012	GGAGCCUG CUGAUGAG GCCGUUAGGC CGAA IGGCUUCA	18320
8628	AAGCCCAC A GGCUCCGC	3013	GCGGAGCC CUGAUGAG GCCGUUAGGC CGAA IUGGGCUU	18321
8632	CCACAGGC U CCGCCAGU	3014	ACUGGCGG CUGAUGAG GCCGUUAGGC CGAA ICCUGUGG	18322
8634	ACAGGCUC C GCCAGUUC	3015	GAACUGGC CUGAUGAG GCCGUUAGGC CGAA IAGCCUGU	18323
8637	GGCUCCGC C AGUUCGCU	3016	AGCGAACU CUGAUGAG GCCGUUAGGC CGAA ICGGAGCC	
8638	GCUCCGCC A GUUCGCUG	3017	CAGCGAAC CUGAUGAG GCCGUUAGGC CGAA IGCGGAGC	18324 18325
8645	CAGUUCGC U GGUCAAUG	3018	CAUUGACC CUGAUGAG GCCGUUAGGC CGAA ICGAACUG	
8650	CGCUGGUC A AUGGAGUG	3019	CACUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAGCG	18326
8662	GAGUGGUC A GGCUCCUC	3020	GAGGAGCC CUGAUGAG GCCGUUAGGC CGAA IACCACUC	18327
8666	GGUCAGGC U CCUCUCAA	3021	UUGAGAGG CUGAUGAG GCCGUUAGGC CGAA ICCUGACC	18328
8668	UCAGGCUC C UCUCAAAA	3022	UUUUGAGA CUGAUGAG GCCGUUAGGC CGAA IAGCCUGA	18329
8669	CAGGCUCC U CUCAAAAC	3023	GUUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGAGCCUG	18330
8671	GGCUCCUC U CAAAACCA	3024	UGGUUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGAGCC	18331
8673	CUCCUCUC A AAACCAUG	3025	CAUGGUUU CUGAUGAG GCCGUUAGGC CGAA IAGAGGAG	18332
8678	CUCAAAAC C AUGGGACA	3026		18333
8679	UCAAAACC A UGGGACAC	3027	UGUCCCAU CUGAUGAG GCCGUUAGGC CGAA IUUUUGAG GUGUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUUUUGA	18334
8686	CAUGGGAC A CCAUCACG	3028		18335
8688	UGGGACAC C AUCACGAA	3029	UUCGUGAU CUGAUGAG GCCGUUAGGC CGAA IUCCCAUG UUCGUGAU CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA	18336
8689	GGGACACC A UCACGAAU	3030	AUUCGUGA CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA	18337
8692	ACACCAUC A CGAAUGUU	3031	AACAUUCG CUGAUGAG GCCGUUAGGC CGAA IGUGUCCC AACAUUCG CUGAUGAG GCCGUUAGGC CGAA IAUGGUGU	18338
8703	AAUGUUAC C ACCAUGGC	3032	GCCAUGGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUGU GCCAUGGU CUGAUGAG GCCGUUAGGC CGAA IUAACAUU	18339
8704	AUGUUACC A CCAUGGCC	3033	GCCAUGG CUGAUGAC COCCUTAGOC CGAA IUAACAUU	18340
8706	GUUACCAC C AUGGCCAU	3034	GGCCAUGG CUGAUGAG GCCGUUAGGC CGAA IGUAACAU	18341
8707	UUACCACC A UGGCCAUG	3035	AUGGCCAU CUGAUGAG GCCGUUAGGC CGAA IUGGUAAC	18342
8712	ACCAUGGC C AUGACUGA	3035	CAUGGCCA CUGAUGAG GCCGUUAGGC CGAA IGUGGUAA	18343
8713	CCAUGGCC A UGACUGAC	3036	UCAGUCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUGGU	18344
8718	GCCAUGAC U GACACUAC		GUCAGUCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUGG	18345
8722	UGACUGAC A CUACUCCC	3038	GUAGUGUC CUGAUGAG GCCGUUAGGC CGAA IUCAUGGC	18346
8724	ACUGACAC U ACUCCCUU	3039	GGGAGUAG CUGAUGAG GCCGUUAGGC CGAA IUCAGUCA	18347
8727	GACACUAC U CCCUUCGG	3040	AAGGGAGU CUGAUGAG GCCGUUAGGC CGAA IUGUCAGU	18348
8729	CACUACUC C CUUCGGGC	3041	CCGAAGGG CUGAUGAG GCCGUUAGGC CGAA IUAGUGUC	18349
8730		3042	GCCCGAAG CUGAUGAG GCCGUUAGGC CGAA IAGUAGUG	18350
8731	ACUACUCC C UUCGGGCA	3043	UGCCCGAA CUGAUGAG GCCGUUAGGC CGAA IGAGUAGU	18351
	CUACUCCC U UCGGGCAG	3044	CUGCCCGA CUGAUGAG GCCGUUAGGC CGAA IGGAGUAG	18352
8738	CUUCGGGC A GCAGCGAG	3045	CUCGCUGC CUGAUGAG GCCGUUAGGC CGAA ICCCGAAG	18353
8741	CGGGCAGC A GCGAGUGU	3046	ACACUCGC CUGAUGAG GCCGUUAGGC CGAA ICUGCCCG	18354
8752	GAGUGUUC A AAGAGAAG	3047	CUUCUCUU CUGAUGAG GCCGUUAGGC CGAA IAACACUC	18355
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			Table IV	
8767	AGGUGGAC A CGAAAGCU	3048	AGCUUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCACCU	18356
8775	ACGAAAGC U CCUGAACC	3049	GGUUCAGG CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU	18357
8777	GAAAGCUC C UGAACCGC	3050	GCGGUUCA CUGAUGAG GCCGUUAGGC CGAA IAGCUUUC	18358
8778	AAAGCUCC U GAACCGCC	3051	GGCGGUUC CUGAUGAG GCCGUUAGGC CGAA IGAGCUUU	18359
8783	UCCUGAAC C GCCAGAAG	3052	CUUCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUCAGGA	18360
8786	UGAACCGC C AGAAGGAG	3053	CUCCUUCU CUGAUGAG GCCGUUAGGC CGAA ICGGUUCA	18361
8787	GAACCGCC A GAAGGAGU	3054	ACUCCUUC CUGAUGAG GCCGUUAGGC CGAA IGCGGUUC	18362
8807	GUACGUGC U CAAUGAGA	3055	UCUCAUUG CUGAUGAG GCCGUUAGGC CGAA ICACGUAC	18363
8809	ACGUGCUC A AUGAGACC	3056	GGUCUCAU CUGAUGAG GCCGUUAGGC CGAA IAGCACGU	
8817	AAUGAGAC C ACCAACUG	3057	CAGUUGGU CUGAUGAG GCCGUUAGGC CGAA IUCUCAUU	18364
8818	AUGAGACC A CCAACUGG	3058	CCAGUUGG CUGAUGAG GCCGUUAGGC CGAA IGUCUCAU	18365
8820	GAGACCAC C AACUGGUU	3059	AACCAGUU CUGAUGAG GCCGUUAGGC CGAA IUGGUCUC	18366
8821	AGACCACC A ACUGGUUG	3060	CAACCAGU CUGAUGAG GCCGUUAGGC CGAA IGUGGUCU	18367
8824	CCACCAAC U GGUUGUGG	3061	CCACAACC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGG	18368
8844	UUUUUGGC C AGAGAAAA	3062	UUUUCUCU CUGAUGAG GCCGUUAGGC CGAA ICCAAAAA	18369
8845	UUUUGGCC A GAGAAAA	3063	UUUUUCUC CUGAUGAG GCCGUUAGGC CGAA IGCCAAAA	18370
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8859	AAACGUCC C AGAAUGUG	3065	CACAUUCU CUGAUGAG GCCGUUAGGC CGAA IGACGUUU	18372
8860	AACGUCCC A GAAUGUGC	3066	GCACAUUC CUGAUGAG GCCGUUAGGC CGAA IGGACGUU	18373
8869	GAAUGUGC U CUCGAGAG	3067	CUCUCGAG CUGAUGAG GCCGUUAGGC CGAA ICACAUUC	18374
8871	AUGUGCUC U CGAGAGGA	3068	UCCUCUCG CUGAUGAG GCCGUUAGGC CGAA IAGCACAU	18375
8884	AGGAAUUC A UAAGAAAG	3069	CUUUCUUA CUGAUGAG GCCGUUAGGC CGAA IAAUUCCU	18376
8896	GAAAGGUC A ACAGCAAU	3070	AUUGCUGU CUGAUGAG GCCGUUAGGC CGAA IACCUUUC	18377
8899	AGGUCAAC A GCAAUGCA	3071	UGCAUUGC CUGAUGAG GCCGUUAGGC CGAA IUUGACCU	18378
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8907	AGCAAUGC A GCUUUGGG	3073	CCCAAAGC CUGAUGAG GCCGUUAGGC CGAA ICAUUGCU	18380
8910	AAUGCAGC U UUGGGUGC	3074	GCACCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCAUU	
8919	UUGGGUGC C AUGUUUGA	3075	UCAAACAU CUGAUGAG GCCGUUAGGC CGAA ICACCCAA	18382
8920	UGGGUGCC A UGUUUGAA	3076	UUCAAACA CUGAUGAG GCCGUUAGGC CGAA IGCACCCA	18383
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8939	GCAGAAUC A AUGGAGGA	3078	UCCUCCAU CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC	18385
8952	AGGAGCGC C AGAGAAGC	3079	GCUUCUCU CUGAUGAG GCCGUUAGGC CGAA ICGCUCCU	18386
8953	GGAGCGCC A GAGAAGCA	3080	UGCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGCGCUCC	18387
8961	AGAGAAGC A GUUGAAGA	3081	UCUUCAAC CUGAUGAG GCCGUUAGGC CGAA ICUUCUCU	18389
8972	UGAAGAUC C AAAAUUUU	3082	AAAAUUUU CUGAUGAG GCCGUUAGGC CGAA IAUCUUCA	18390
8973	GAAGAUCC A AAAUUUUG	3083	CAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IGAUCUUC	18391
9009	CGCGAGGC A CAUCUGCG	3084	CGCAGAUG CUGAUGAG GCCGUUAGGC CGAA ICCUCGCG	18392
9011	CGAGGCAC A UCUGCGGG	3085	CCCGCAGA CUGAUGAG GCCGUUAGGC CGAA IUGCCUCG	18393
9014	GGCACAUC U GCGGGGGG	3086	CCCCCGC CUGAUGAG GCCGUUAGGC CGAA IAUGUGCC	18394
9029	GGAAUGUC A CACUUGCA	3087	UGCAAGUG CUGAUGAG GCCGUUAGGC CGAA IACAUUCC	18395
9031	AAUGUCAC A CUUGCAUU	3088	AAUGCAAG CUGAUGAG GCCGUUAGGC CGAA IUGACAUU	18396
9033	UGUCACAC U UGCAUUUA	3089	UAAAUGCA CUGAUGAG GCCGUUAGGC CGAA IUGUGACA	18397
9037	ACACUUGC A UUUACAAC	3090	GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICAAGUGU	18398
9043	GCAUUUAC A ACAUGAUG	3091	CAUCAUGU CUGAUGAG GCCGUUAGGC CGAA IUAAAUGC	18399
9046	UUUACAAC A UGAUGGGA	3092	UCCCAUCA CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA	18400
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9072	AAAAAACC C GGAGAGUU	3094	AACUCUCC CUGAUGAG GCCGUUAGGC CGAA IGUUUUUU	18402
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9091	GAAAGGCC A AGGGAAGC	3096	GCUUCCCU CUGAUGAG GCCGUUAGGC CGAA IGCCUUUC	18404
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9105	AGCAGAGC C AUUUGGUU	3098	AACCAAAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGCU	18406
9106	GCAGAGCC A UUUGGUUC	3099	GAACCAAA CUGAUGAG GCCGUUAGGC CGAA IGCUCUGC	18407
9115	UUUGGUUC A UGUGGCUC	3100	GAGCCACA CUGAUGAG GCCGUUAGGC CGAA IAACCAAA	18408
9122	CAUGUGGC U CGGAGCUC	3101	GAGCUCCG CUGAUGAG GCCGUUAGGC CGAA ICCACAUG	18409
9129	CUCGGAGC U CGCUUUCU	3102	AGAAAGCG CUGAUGAG GCCGUUAGGC CGAA ICUCCGAG	18410
9133	GAGCUCGC U UUCUGGAG	3103	CUCCAGAA CUGAUGAG GCCGUUAGGC CGAA ICGAGCUC	18411
9137	UCGCUUUC U GGAGUUCG	3104	CGAACUCC CUGAUGAG GCCGUUAGGC CGAA IAAAGCGA	18412
9150	UUCGAGGC U CUGGGUUU	3105	AAACCCAG CUGAUGAG GCCGUUAGGC CGAA ICCUCGAA	18413
9152	CGAGGCUC U GGGUUUUC	3106	GAAAACCC CUGAUGAG GCCGUUAGGC CGAA IAGCCUCG	18414
9161	GGGUUUUC U CAAUGAAG	3107	CUUCAUUG CUGAUGAG GCCGUUAGGC CGAA IAAAACCC	18415
9163	GUUUUCUC A AUGAAGAC	3108	GUCUUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAAAC	18416

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9172 AUGAAGAC C ACUGGCUU 3109 AAGCCAGU CUGAUGAG GCCGUUAGGC CGAA IU	CUUCAU 18417
9173 UGAAGACC A CUGGCUUG 3110 CAAGCCAG CUGAUGAG GCCGUUAGGC CGAA IG	
9175 AAGACCAC U GGCUUGGA 3111 UCCAAGCC CUGAUGAG GCCGUUAGGC CGAA IU	
9179 CCACUGGC U UGGAAGAA 3112 UUCUUCCA CUGAUGAG GCCGUUAGGC CGAA IC	
OLON GARAGE STATE OF THE STATE	
9214 UCGAGGGC U UGGGCCUC 3115 GAGGCCCA CUGAUGAG GCCGUUAGGC CGAA IC	
9220 GCUUGGGC C UCCAAAAA 3116 UUUUUGGA CUGAUGAG GCCGUUAGGC CGAA IC	
9221 CUUGGGCC U CCAAAAAC 3117 GUUUUUGG CUGAUGAG GCCGUUAGGC CGAA IG	
9223 UGGGCCUC C AAAAACUG 3118 CAGUUUUU CUGAUGAG GCCGUUAGGC CGAA IA	GGCCCA 18426
9224 GGGCCUCC A AAAACUGG 3119 CCAGUUUU CUGAUGAG GCCGUUAGGC CGAA IG	AGGCCC 18427
9230 CCAAAAAC U GGGUUACA 3120 UGUAACCC CUGAUGAG GCCGUUAGGC CGAA IU	
9238 UGGGUUAC A UCCUGCGU 3121 ACGCAGGA CUGAUGAG GCCGUUAGGC CGAA IU	
9241 GUUACAUC C UGCGUGAA 3122 UUCACGCA CUGAUGAG GCCGUUAGGC CGAA IA	
9242 UUACAUCC U GCGUGAAG 3123 CUUCACGC CUGAUGAG GCCGUUAGGC CGAA IG	
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TOTAL	
9263 CACCCGGC C UGGGGGCA 3127 UGCCCCCA CUGAUGAG GCCGUUAGGC CGAA ICC	
9264 ACCCGGCC U GGGGGCAA 3128 UUGCCCCC CUGAUGAG GCCGUUAGGC CGAA IGC	
9271 CUGGGGGC A AGAUCUAU 3129 AUAGAUCU CUGAUGAG GCCGUUAGGC CGAA ICC	
9277 GCAAGAUC U AUGCUGAU 3130 AUCAGCAU CUGAUGAG GCCGUUAGGC CGAA IAI	JCUUGC 18438
9282 AUCUAUGC U GAUGACAC 3131 GUGUCAUC CUGAUGAG GCCGUUAGGC CGAA ICI	AUAGAU 18439
9289 CUGAUGAC A CAGCUGGC 3132 GCCAGCUG CUGAUGAG GCCGUUAGGC CGAA IUC	CAUCAG 18440
9291 GAUGACAC A GCUGGCUG 3133 CAGCCAGC CUGAUGAG GCCGUUAGGC CGAA IUC	
9294 GACACAGC U GGCUGGGA 3134 UCCCAGCC CUGAUGAG GCCGUUAGGC CGAA ICU	
9298 CAGCUGGC U GGGACACC 3135 GGUGUCCC CUGAUGAG GCCGUUAGGC CGAA ICC	
9304 GCUGGGAC A CCCGCAUC 3136 GAUGCGGG CUGAUGAG GCCGUUAGGC CGAA IUC	
9306 UGGGACAC C CGCAUCAC 3137 GUGAUGCG CUGAUGAG GCCGUUAGGC CGAA 100	
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TOTAL CONTROL	
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9321 ACGAGAGC U GACUUGGA 3141 UCCAAGUC CUGAUGAG GCCGUUAGGC CGAA ICU	
9325 GAGCUGAC U UGGAAAAU 3142 AUUUUCCA CUGAUGAG GCCGUUAGGC CGAA IUC	
9339 AAUGAAGC U AAGGUGCU 3143 AGCACCUU CUGAUGAG GCCGUUAGGC CGAA ICU	
9347 UAAGGUGC U UGAGCUGC 3144 GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA ICA	
9353 GCUUGAGC U GCUUGAUG 3145 CAUCAAGC CUGAUGAG GCCGUUAGGC CGAA ICU	CAAGC 18453
9356 UGAGCUGC U UGAUGGGG 3146 CCCCAUCA CUGAUGAG GCCGUUAGGC CGAA ICA	GCUCA 18454
9368 UGGGGAAC A UCGGCGUC 3147 GACGCCGA CUGAUGAG GCCGUUAGGC CGAA IUU	CCCCA 18455
9377 UCGGCGUC U UGCCAGGG 3148 CCCUGGCA CUGAUGAG GCCGUUAGGC CGAA IAC	
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9387 GCCAGGGC C AUCAUUGA 3151 UCAAUGAU CUGAUGAG GCCGUUAGGC CGAA ICC	
9388 CCAGGGCC A UCAUUGAG 3152 CUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IGC	
9391 GGGCCAUC A UUGAGCUC 3153 GAGCUCAA CUGAUGAG GCCGUUAGGC CGAA IAU	
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9403 AGCUCACC U AUCGUCAC 3157 GUGACGAU CUGAUGAG GCCGUUAGGC CGAA IGU	
9410 CUAUCGUC A CAAAGUUG 3158 CAACUUUG CUGAUGAG GCCGUUAGGC CGAA IAC	
9412 AUCGUCAC A AAGUUGUG 3159 CACAACUU CUGAUGAG GCCGUUAGGC CGAA IUG	
9433 UGAUGCGC C CGGCUGCU 3160 AGCAGCCG CUGAUGAG GCCGUUAGGC CGAA ICG	
9434 GAUGCGCC C GGCUGCUG 3161 CAGCAGCC CUGAUGAG GCCGUUAGGC CGAA IGC	
9438 CGCCCGGC U GCUGAUGG 3162 CCAUCAGC CUGAUGAG GCCGUUAGGC CGAA ICC	
9441 CCGGCUGC U GAUGGAAG 3163 CUUCCAUC CUGAUGAG GCCGUUAGGC CGAA ICA	
9453 GGAAGAAC C GUCAUGGA 3164 UCCAUGAC CUGAUGAG GCCGUUAGGC CGAA IUU	
9457 GAACCGUC A UGGAUGUU 3165 AACAUCCA CUGAUGAG GCCGUUAGGC CGAA 1ACC	
9469 AUGUUAUC U CCAGAGAA 3166 UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAU	
SOCOCOO COGACGAS GCCGOOAGGC CGAA TAO	
COUCUCO COGADGAS GCCGODAGGC CGAA TAG	
10000000 CDGADGAG GCCGODAGGC CGAA IGAG	
9482 AGAAGAUC A GAGGGGGA 3169 UCCCCCUC CUGAUGAG GCCGUUAGGC CGAA IAUG	CUUCU 18477

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9497	GAGUGGAC A AGUUGUCA	3170	UGACAACU CUGAUGAG GCCGUUAGGC CGAA IUCCACUC	18478
9505	AAGUUGUC A CCUACGCC	3171	GGCGUAGG CUGAUGAG GCCGUUAGGC CGAA IACAACUU	18479
9507	GUUGUCAC C UACGCCCU	3172	AGGGCGUA CUGAUGAG GCCGUUAGGC CGAA IUGACAAC	18480
9508	UUGUCACC U ACGCCCUA	3173	UAGGGCGU CUGAUGAG GCCGUUAGGC CGAA IGUGACAA	18481
9513	ACCUACGC C CUAAACAC	3174	GUGUUUAG CUGAUGAG GCCGUUAGGC CGAA ICGUAGGU	18482
9514	CCUACGCC C UAAACACU	3175	AGUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGCGUAGG	18483
9515	CUACGCCC U AAACACUU	3176	AAGUGUUU CUGAUGAG GCCGUUAGGC CGAA IGGCGUAG	18484
9520	CCCUAAAC A CUUUCACC	3177	GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA IUUUAGGG	18485
9522	CUAAACAC U UUCACCAA	3178	UUGGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUAG	18486
9526	ACACUUUC A CCAACCUG	3179	CAGGUUGG CUGAUGAG GCCGUUAGGC CGAA IAAAGUGU	18487
9528 9529	ACUUUCAC C AACCUGGC	3180	GCCAGGUU CUGAUGAG GCCGUUAGGC CGAA IUGAAAGU	18488
9532	CUUUCACC A ACCUGGCC	3181	GGCCAGGU CUGAUGAG GCCGUUAGGC CGAA IGUGAAAG	18489
9533	UCACCAAC C UGGCCGUC	3182	GACGGCCA CUGAUGAG GCCGUUAGGC CGAA IUUGGUGA	18490
9537	CACCAACC U GGCCGUCC AACCUGGC C GUCCAGCU	3183	GGACGGCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUG	18491
9541	UGGCCGUC C AGCUGGUG	3184	AGCUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUU	18492
9542	GGCCGUCC A GCUGGUGA	3185	CACCAGCU CUGAUGAG GCCGUUAGGC CGAA IACGGCCA	18493
9545	CGUCCAGC U GGUGAGGA	3187	UCACCAGC CUGAUGAG GCCGUUAGGC CGAA IGACGGCC	18494
9580	UGAUUGGC C CAGAUGAU	3188	UCCUCACC CUGAUGAG GCCGUUAGGC CGAA ICUGGACG	18495
9581	GAUUGGCC C AGAUGAUG	3189	AUCAUCUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	18496
9582	AUUGGCCC A GAUGAUGU	3190	CAUCAUCU CUGAUGAG GCCGUUAGGC CGAA IGCCAAUC ACAUCAUC CUGAUGAG GCCGUUAGGC CGAA IGGCCAAU	18497
9599	GGAGAAAC U CACAAAAG	3191	CONTRACTOR	18498
9601	AGAAACUC A CAAAAGGG	3192	CCCUUUUG CUGAUGAG GCCGUUAGGC CGAA IUUUCUCC CCCUUUUG CUGAUGAG GCCGUUAGGC CGAA IAGUUUCU	18499
9603	AAACUCAC A AAAGGGAA	3193	UUCCCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAGUUU	18500
9617	GAAAGGAC C CAAAGUCA	3194	UGACUUUG CUGAUGAG GCCGUUAGGC CGAA IUCCUUUC	18501
9618	AAAGGACC C AAAGUCAG	3195	CUGACUUU CUGAUGAG GCCGUUAGGC CGAA IGUCCUUU	18502
9619	AAGGACCC A AAGUCAGG	3196	CCUGACUU CUGAUGAG GCCGUUAGGC CGAA IGGUCCUU	18504
9625	CCAAAGUC A GGACCUGG	3197	CCAGGUCC CUGAUGAG GCCGUUAGGC CGAA IACUUUGG	18505
9630	GUCAGGAC C UGGCUGUU	3198	AACAGCCA CUGAUGAG GCCGUUAGGC CGAA IUCCUGAC	18506
9631	UCAGGACC U GGCUGUUU	3199	AAACAGCC CUGAUGAG GCCGUUAGGC CGAA IGUCCUGA	18507
9635	GACCUGGC U GUUUGAGA	3200	UCUCAAAC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUC	18508
9659	AGAAAGAC U CAGCCGCA	3201	UGCGGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUUUCU	18509
9661 9664	AAAGACUC A GCCGCAUG	3202	CAUGCGGC CUGAUGAG GCCGUUAGGC CGAA IAGUCUUU	18510
9667	GACUCAGC C GCAUGGCU	3203	AGCCAUGC CUGAUGAG GCCGUUAGGC CGAA ICUGAGUC	18511
9672	UCAGCCGC A UGGCUGUC CGCAUGGC U GUCAGUGG	3204	GACAGCCA CUGAUGAG GCCGUUAGGC CGAA ICGGCUGA	18512
9676	UGGCUGUC A GUGGAGAU	3205	CCACUGAC CUGAUGAG GCCGUUAGGC CGAA ICCAUGCG	18513
9688	GAGAUGAC U GUGUGGUA	3206	AUCUCCAC CUGAUGAG GCCGUUAGGC CGAA IACAGCCA	18514
9701	GGUAAAGC C CCUGGACG	3207 3208	UACCACAC CUGAUGAG GCCGUUAGGC CGAA IUCAUCUC	18515
9702	GUAAAGCC C CUGGACGA	3209	CGUCCAGG CUGAUGAG GCCGUUAGGC CGAA ICUUUACC	18516
9703	UAAAGCCC C UGGACGAU	3210	UCGUCCAG CUGAUGAG GCCGUUAGGC CGAA IGCUUUAC	18517
9704	AAAGCCCC U GGACGAUC	3211	AUCGUCCA CUGAUGAG GCCGUUAGGC CGAA IGGCUUUA GAUCGUCC CUGAUGAG GCCGUUAGGC CGAA IGGGCUUU	18518
9715	ACGAUCGC U UUGCCACC	3212	GGUGGCAA CUGAUGAG GCCGUUAGGC CGAA ICGAUCGU	18519
9720	CGCUUUGC C ACCUCGCU	3213	AGCGAGGU CUGAUGAG GCCGUUAGGC CGAA ICGAUCGU	18520
9721	GCUUUGCC A CCUCGCUC	3214	GAGCGAGG CUGAUGAG GCCGUUAGGC CGAA ICAAAGCC	18521
9723	UUUGCCAC C UCGCUCCA	3215	UGGAGCGA CUGAUGAG GCCGUUAGGC CGAA IUGGCAAA	18522
9724	UUGCCACC U CGCUCCAC	3216	GUGGAGCG CUGAUGAG GCCGUUAGGC CGAA IGUGGCAA	18523
9728	CACCUCGC U CCACUUCC	3217	GGAAGUGG CUGAUGAG GCCGUUAGGC CGAA ICGAGGUG	18524
9730	CCUCGCUC C ACUUCCUC	3218	GAGGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGCGAGG	18525 18526
9731	CUCGCUCC A CUUCCUCA	3219	UGAGGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGCGAG	18527
9733	CGCUCCAC U UCCUCAAU	3220	AUUGAGGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGCG	18528
9736	UCCACUUC C UCAAUGCU	3221	AGCAUUGA CUGAUGAG GCCGUUAGGC CGAA IAAGUGGA	18529
9737	CCACUUCC U CAAUGCUA	3222	UAGCAUUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUGG	18530
9739	ACUUCCUC A AUGCUAUG	3223	CAUAGCAU CUGAUGAG GCCGUUAGGC CGAA IAGGAAGU	18531
9744	CUCAAUGC U AUGUCAAA	3224	UUUGACAU CUGAUGAG GCCGUUAGGC CGAA ICAUUGAG	18532
9750 9760	GCUAUGUC A AAGGUUCG	3225	CGAACCUU CUGAUGAG GCCGUUAGGC CGAA IACAUAGC	18533
9766	AGGUUCGC A AAGACAUC	3226	GAUGUCUU CUGAUGAG GCCGUUAGGC CGAA ICGAACCU	18534
9769	GCAAAGAC A UCCAAGAG AAGACAUC C AAGAGUGG	3227	CUCUUGGA CUGAUGAG GCCGUUAGGC CGAA IUCUUUGC	18535
9770	AGACAUC C AAGAGUGG AGACAUCC A AGAGUGGA	3228	CCACUCUU CUGAUGAG GCCGUUAGGC CGAA IAUGUCUU	18536
9782	GUGGAAAC C GUCAACUG	3229	UCCACUCU CUGAUGAG GCCGUUAGGC CGAA IGAUGUCU	18537
	COCCAACUG	3230	CAGUUGAC CUGAUGAG GCCGUUAGGC CGAA IUUUCCAC	18538

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9786	AAACCGUC A ACUGGAUG	3231	CAUCCAGU CUGAUGAG GCCGUUAGGC CGAA IACGGUUU	18539
9789	CCGUCAAC U GGAUGGUA	3232	UACCAUCC CUGAUGAG GCCGUUAGGC CGAA IUUGACGG	18540
9806	UGAUUGGC A GCAGGUUC	3233	GAACCUGC CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	18541
9809	UUGGCAGC A GGUUCCAU	3234	AUGGAACC CUGAUGAG GCCGUUAGGC CGAA ICUGCCAA	18542
9815	GCAGGUUC C AUUUUGCU	3235	AGCAAAAU CUGAUGAG GCCGUUAGGC CGAA IAACCUGC	
	CAGGUUCC A UUUUGCUC			18543
9816		3236	GAGCAAAA CUGAUGAG GCCGUUAGGC CGAA IGAACCUG	18544
9823	CAUUUUGC U CAAACCAU	3237	AUGGUUUG CUGAUGAG GCCGUUAGGC CGAA ICAAAAUG	18545
9825	UUUUGCUC A AACCAUUU	3238	AAAUGGUU CUGAUGAG GCCGUUAGGC CGAA IAGCAAAA	18546
9829	GCUCAAAC C AUUUCACU	3239	AGUGAAAU CUGAUGAG GCCGUUAGGC CGAA IUUUGAGC	18547
9830	CUCAAACC A UUUCACUG	3240	CAGUGAAA CUGAUGAG GCCGUUAGGC CGAA IGUUUGAG	18548
9835	ACCAUUUC A CUGAAUUG	3241	CAAUUCAG CUGAUGAG GCCGUUAGGC CGAA IAAAUGGU	+
9837	CAUUUCAC U GAAUUGAU	3242	AUCAAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAAAUG	18549
	AAUUGAUC A UGAAAGAU			18550
9847		3243	AUCUUUCA CUGAUGAG GCCGUUAGGC CGAA IAUCAAUU	18551
9864	GGAAGAAC A CUGGUGGU	3244	ACCACCAG CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC	18552
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9875	GGUGGUUC C AUGCCGAG	3246	CUCGGCAU CUGAUGAG GCCGUUAGGC CGAA IAACCACC	18554
9876	GUGGUUCC A UGCCGAGG	3247	CCUCGGCA CUGAUGAG GCCGUUAGGC CGAA IGAACCAC	18555
9880	UUCCAUGC C GAGGACAG	3248	CUGUCCUC CUGAUGAG GCCGUUAGGC CGAA ICAUGGAA	+
9887	CCGAGGAC A GGAUGAAU	3249		18556
9904	 			18557
	UGGUAGGC A GAGCUCGC	3250	GCGAGCUC CUGAUGAG GCCGUUAGGC CGAA ICCUACCA	18558
9909	GGCAGAGC U CGCAUAUC	3251	GAUAUGCG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC	18559
9913	GAGCUCGC A UAUCUCCA	3252	UGGAGAUA CUGAUGAG GCCGUUAGGC CGAA ICGAGCUC	18560
9918	CGCAUAUC U CCAGGGGC	3253	GCCCCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAUGCG	18561
9920	CAUAUCUC C AGGGGCCG	3254	CGGCCCCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAUG	18562
9921	AUAUCUCC A GGGGCCGG	3255	CCGGCCCC CUGAUGAG GCCGUUAGGC CGAA IGAGAUAU	
9927	CCAGGGGC C GGAUGGAA	3256		18563
9940		 	UUCCAUCC CUGAUGAG GCCGUUAGGC CGAA ICCCCUGG	18564
	GGAACGUC C GCGACACU	3257	AGUGUCGC CUGAUGAG GCCGUUAGGC CGAA IACGUUCC	18565
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9951	GACACUGC U UGUCUGGC	3260	GCCAGACA CUGAUGAG GCCGUUAGGC CGAA ICAGUGUC	18568
9956	UGCUUGUC U GGCUAAGU	3261	ACUUAGCC CUGAUGAG GCCGUUAGGC CGAA IACAAGCA	18569
9960	UGUCUGGC U AAGUCUUA	3262	UAAGACUU CUGAUGAG GCCGUUAGGC CGAA ICCAGACA	18570
9966	GCUAAGUC U UAUGCCCA	3263	UGGGCAUA CUGAUGAG GCCGUUAGGC CGAA IACUUAGC	
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9973			CACAUCUG CUGAUGAG GCCGUUAGGC CGAA ICAUAAGA	18572
	CUUAUGCC C AGAUGUGG	3265	CCACAUCU CUGAUGAG GCCGUUAGGC CGAA IGCAUAAG	18573
9974	UUAUGCCC A GAUGUGGC	3266	GCCACAUC CUGAUGAG GCCGUUAGGC CGAA IGGCAUAA	18574
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10000		3272	CUCUUCUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUAC	18580
	ACUUCCAC A GAAGAGAC	3273	GUCUCUUC CUGAUGAG GCCGUUAGGC CGAA IUGGAAGU	18581
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10010	AAGAGACC U GCGGCUCA	3275	UGAGCCGC CUGAUGAG GCCGUUAGGC CGAA IGUCUCUU	18583
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10018	UGCGGCUC A UGGCCAAC	3277	GUUGGCCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGCA	18585
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10024	UCAUGGCC A ACGCCAUU	3279	AAUGGCGU CUGAUGAG GCCGUUAGGC CGAA IGCCAUGA	
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10030			GAGCAAAU CUGAUGAG GCCGUUAGGC CGAA ICGUUGGC	18588
	CCAACGCC A UUUGCUCC	3281	GGAGCAAA CUGAUGAG GCCGUUAGGC CGAA IGCGUUGG	18589
10036	CCAUUUGC U CCGCUGUC	3282	GACAGCGG CUGAUGAG GCCGUUAGGC CGAA ICAAAUGG	18590
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10041	UGCUCCGC U GUCCCUGU	3284	ACAGGGAC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCA	18592
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10046	CGCUGUCC C UGUGAAUU	3286	AAUUCACA CUGAUGAG GCCGUUAGGC CGAA IGACAGCG	
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10060	AUUGGGUC C CUACCGGA	3288		18595
10061	UUGGGUCC C UACCGGAA		UCCGGUAG CUGAUGAG GCCGUUAGGC CGAA IACCCAAU	18596
		3289	UUCCGGUA CUGAUGAG GCCGUUAGGC CGAA IGACCCAA	18597
10062	UGGGUCCC U ACCGGAAG	3290	CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA IGGACCCA	18598
10065	GUCCCUAC C GGAAGAAC	3291	GUUCUUCC CUGAUGAG GCCGUUAGGC CGAA IUAGGGAC	18599

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10075	GAAGAACC A CGUGGUCC	3293	GGACCACG CUGAUGAG GCCGUUAGGC CGAA IGUUCUUC	18601
10083	ACGUGGUC C AUCCAUGC	3294	GCAUGGAU CUGAUGAG GCCGUUAGGC CGAA IACCACGU	18602
10084	CGUGGUCC A UCCAUGCA	3295	UGCAUGGA CUGAUGAG GCCGUUAGGC CGAA IGACCACG	18603
10087	GGUCCAUC C AUGCAGGA	3296	UCCUGCAU CUGAUGAG GCCGUUAGGC CGAA IAUGGACC	18604
10088	GUCCAUCC A UGCAGGAG	3297	CUCCUGCA CUGAUGAG GCCGUUAGGC CGAA IGAUGGAC	18605
10092	AUCCAUGC A GGAGGAGA	3298	UCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ICAUGGAU	
10110		3299	UCCUCUGU CUGAUGAG GCCGUUAGGC CGAA IUCAUCCA	18606
10113		3300	AUGUCCUC CUGAUGAG GCCGUUAGGC CGAA IUUGUCAU	18607
10120		3301	CUCCAACA CUGAUGAG GCCGUUAGGC CGAA IUCCUCUG	18608
10132		3302		18609
10138	+	3303	ACGGUUCC CUGAUGAG GCCGUUAGGC CGAA IACCUCCA CCAAACAC CUGAUGAG GCCGUUAGGC CGAA IUUCCAGA	18610
10174		3304	UGGGGUUU CUGAUGAG GCCGUUAGGC CGAA IUCUUCCA	18611
10179		3305	UCCACUGG CUGAUGAG GCCGUUAGGC CGAA IUUUUGUC	18612
10180	ACAAAACC C CAGUGGAG	3306		18613
10181	CAAAACCC C AGUGGAGA	3307	CUCCACUG CUGAUGAG GCCGUUAGGC CGAA IGUUUUGU	18614
10182	AAAACCCC A GUGGAGAA	3308	UCUCCACU CUGAUGAG GCCGUUAGGC CGAA IGGUUUUG	18615
10204	GUGACGUC C CAUAUUCA	3309	UUCUCCAC CUGAUGAG GCCGUUAGGC CGAA IGGGUUUU	18616
10205	UGACGUCC C AUAUUCAG	3310	UGAAUAUG CUGAUGAG GCCGUUAGGC CGAA IACGUCAC	18617
10206	GACGUCCC A UAUUCAGG	3310	CUGAAUAU CUGAUGAG GCCGUUAGGC CGAA IGACGUCA	18618
10212	CCAUAUUC A GGAAAACG		CCUGAAUA CUGAUGAG GCCGUUAGGC CGAA IGGACGUC	18619
10228	GAGAGGAC A UCUGGUGU	3312	CGUUUUCC CUGAUGAG GCCGUUAGGC CGAA IAAUAUGG	18620
10231	AGGACAUC U GGUGUGGC	3313	ACACCAGA CUGAUGAG GCCGUUAGGC CGAA IUCCUCUC	18621
10240	GGUGUGGC A GCCUGAUU	3314	GCCACACC CUGAUGAG GCCGUUAGGC CGAA IAUGUCCU	18622
10243	GUGGCAGC C UGAUUGGC	3315	AAUCAGGC CUGAUGAG GCCGUUAGGC CGAA ICCACACC	18623
10244	UGGCAGCC U GAUUGGCA	3316	GCCAAUCA CUGAUGAG GCCGUUAGGC CGAA ICUGCCAC	18624
10252	UGAUUGGC A CAAGAGCC	3317	UGCCAAUC CUGAUGAG GCCGUUAGGC CGAA IGCUGCCA	18625
10254	AUUGGCAC A AGAGCCCG	3318	GGCUCUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	18626
10260		3319	CGGGCUCU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU	18627
10261	ACAAGAGC C CGAGCCAC	3320	GUGGCUCG CUGAUGAG GCCGUUAGGC CGAA ICUCUUGU	18628
	CAAGAGCC C GAGCCACG	3321	CGUGGCUC CUGAUGAG GCCGUUAGGC CGAA IGCUCUUG	18629
10266	GCCCGAGC C ACGUGGGC	3322	GCCCACGU CUGAUGAG GCCGUUAGGC CGAA ICUCGGGC	18630
10267	CCCGAGCC A CGUGGGCA	3323	UGCCCACG CUGAUGAG GCCGUUAGGC CGAA IGCUCGGG	18631
102/3	ACGUGGGC A GAAAACAU	3324	AUGUUUUC CUGAUGAG GCCGUUAGGC CGAA ICCCACGU	18632
	CAGAAAAC A UCCAGGUG	3325	CACCUGGA CUGAUGAG GCCGUUAGGC CGAA IUUUUCUG	18633
10285	AAAACAUC C AGGUGGCU	3326	AGCCACCU CUGAUGAG GCCGUUAGGC CGAA IAUGUUUU	18634
10286	AAACAUCC A GGUGGCUA	3327	UAGCCACC CUGAUGAG GCCGUUAGGC CGAA IGAUGUUU	18635
10293	CAGGUGGC U AUCAACCA	3328	UGGUUGAU CUGAUGAG GCCGUUAGGC CGAA ICCACCUG	18636
10297	UGGCUAUC A ACCAAGUC	3329	GACUUGGU CUGAUGAG GCCGUUAGGC CGAA IAUAGCCA	18637
10300	CUAUCAAC C AAGUCAGA	3330	UCUGACUU CUGAUGAG GCCGUUAGGC CGAA IUUGAUAG	18638
10301	UAUCAACC A AGUCAGAG	3331	CUCUGACU CUGAUGAG GCCGUUAGGC CGAA IGUUGAUA	18639
10306	ACCAAGUC A GAGCAAUC	3332	GAUUGCUC CUGAUGAG GCCGUUAGGC CGAA IACUUGGU	18640
10311	GUCAGAGC A AUCAUCGG	3333	CCGAUGAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGAC	18641
10315	GAGCAAUC A UCGGAGAU	3334	AUCUCCGA CUGAUGAG GCCGUUAGGC CGAA IAUUGCUC	18642
10342	UGGAUUAC A UGAGUUCA	3335	UGAACUCA CUGAUGAG GCCGUUAGGC CGAA IUAAUCCA	18643
10350	AUGAGUUC A CUAAAGAG	3336	CUCUUUAG CUGAUGAG GCCGUUAGGC CGAA IAACUCAU	18644
10352	GAGUUCAC U AAAGAGAU	3337	AUCUCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAACUC	18645
10369	AUGAAGAC A CAACUUUG	3338	CAAAGUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUCAU	18646
10371	GAAGACAC A ACUUUGGU	3339	ACCAAAGU CUGAUGAG GCCGUUAGGC CGAA IUGUCUUC	18647
10374	GACACAAC U UUGGUUGA	3340	UCAACCAA CUGAUGAG GCCGUUAGGC CGAA IUUGUGUC	18648
10387	UUGAGGAC A CAGUACUG	3341	CAGUACUG CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA	18649
10389	GAGGACAC A GUACUGUA	3342	UACAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGUCCUC	18650
10394	CACAGUAC U GUAGAUAU	3343	AUAUCUAC CUGAUGAG GCCGUUAGGC CGAA IUACUGUG	18651
10409	AUUUAAUC A AUUGUAAA	3344	UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IAUUAAAU	18652
10423	AAAUAGAC A AUAUAAGU	3345	ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU	18653
10436	AAGUAUGC A UAAAAGUG	3346	CACUUUUA CUGAUGAG GCCGUUAGGC CGAA ICAUACUU	18654
10509	AGAAAGUC A GGCCGGGA	3347	UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA IACUUUCU	18655
10513	AGUCAGGC C GGGAAGUU	3348	AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU	18656
10523	GGAAGUUC C CGCCACCG	3349	CGGUGGCG CUGAUGAG GCCGUUAGGC CGAA IAACUUCC	18657
10524	GAAGUUCC C GCCACCGG	3350	CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC	18658
10527	GUUCCCGC C ACCGGAAG	3351	CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC	18659
10528	UUCCCGCC A CCGGAAGU	3352	ACUUCCGG CUGAUGAG GCCGUUAGGC CGAA IGCGGGAA	18660
				20000

Table IV

10530	CCCGCCAC C GGAAGUUG	3353	CAACUUCC CUGAUGAG GCCGUUAGGC CGAA IUGGCGGG	18661
10551	GACGGUGC U GCCUGCGA	3354	UCGCAGGC CUGAUGAG GCCGUUAGGC CGAA ICACCGUC	18662
10554	GGUGCUGC C UGCGACUC	3355	GAGUCGCA CUGAUGAG GCCGUUAGGC CGAA ICAGCACC	18663
10555	GUGCUGCC U GCGACUCA	3356	UGAGUCGC CUGAUGAG GCCGUUAGGC CGAA IGCAGCAC	18664
10561	CCUGCGAC U CAACCCCA	3357	UGGGGUUG CUGAUGAG GCCGUUAGGC CGAA IUCGCAGG	18665
10563	UGCGACUC A ACCCCAGG	3358	CCUGGGGU CUGAUGAG GCCGUUAGGC CGAA IAGUCGCA	18666
10566	GACUCAAC C CCAGGAGG	3359	CCUCCUGG CUGAUGAG GCCGUUAGGC CGAA IUUGAGUC	18667
10567	ACUCAACC C CAGGAGGA	3360	UCCUCCUG CUGAUGAG GCCGUUAGGC CGAA IGUUGAGU	18668
10568	CUCAACCC C AGGAGGAC	3361	GUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IGGUUGAG	
10569	UCAACCCC A GGAGGACU	3362	AGUCCUCC CUGAUGAG GCCGUUAGGC CGAA IGGGUUGA	18669
10577	AGGAGGAC U GGGUGAAC	3363	GUUCACCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU	18670
10586	GGGUGAAC A AAGCCGCG	3364	CGCGGCUU CUGAUGAG GCCGUUAGGC CGAA IUUCACCC	18671
10591	AACAAAGC C GCGAAGUG	3365	CACUUCGC CUGAUGAG GCCGUUAGGC CGAA ICUUUGUU	18672
10603	AAGUGAUC C AUGUAAGC	3366	GCUUACAU CUGAUGAG GCCGUUAGGC CGAA IAUCACUU	18673
10604	AGUGAUCC A UGUAAGCC	3367	GGCUUACA CUGAUGAG GCCGUUAGGC CGAA IAUCACUU	18674
10612	AUGUAAGC C CUCAGAAC	3368		18675
10613	UGUAAGCC C UCAGAACC	3369	GUUCUGAG CUGAUGAG GCCGUUAGGC CGAA ICUUACAU	18676
10614	GUAAGCCC U CAGAACCG	3370	GGUUCUGA CUGAUGAG GCCGUUAGGC CGAA IGCUUACA	18677
10616	AAGCCCUC A GAACCGUC	+	CGGUUCUG CUGAUGAG GCCGUUAGGC CGAA IGGCUUAC	18678
10621	CUCAGAAC C GUCUCGGA	3371	GACGGUUC CUGAUGAG GCCGUUAGGC CGAA IAGGGCUU	18679
10625	GAACCGUC U CGGAAGGA	3372	UCCGAGAC CUGAUGAG GCCGUUAGGC CGAA IUUCUGAG	18680
10638	AGGAGGAC C CCACAUGU	3373	UCCUUCCG CUGAUGAG GCCGUUAGGC CGAA IACGGUUC	18681
10639	GGAGGACC C CACAUGUU	3374	ACAUGUGG CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU	18682
10640	GAGGACCC C ACAUGUUG	3375	AACAUGUG CUGAUGAG GCCGUUAGGC CGAA IGUCCUCC	18683
10641		3376	CAACAUGU CUGAUGAG GCCGUUAGGC CGAA IGGUCCUC	18684
	AGGACCCC A CAUGUUGU	3377	ACAACAUG CUGAUGAG GCCGUUAGGC CGAA IGGGUCCU	18685
10643	GACCCCAC A UGUUGUAA	3378	UUACAACA CUGAUGAG GCCGUUAGGC CGAA IUGGGGUC	18686
10653	GUUGUAAC U UCAAAGCC	3379	GGCUUUGA CUGAUGAG GCCGUUAGGC CGAA IUUACAAC	18687
10656	GUAACUUC A AAGCCCAA	3380	UUGGGCUU CUGAUGAG GCCGUUAGGC CGAA IAAGUUAC	18688
10661	UUCAAAGC C CAAUGUCA	3381	UGACAUUG CUGAUGAG GCCGUUAGGC CGAA ICUUUGAA	18689
10662	UCAAAGCC C AAUGUCAG	3382	CUGACAUU CUGAUGAG GCCGUUAGGC CGAA IGCUUUGA	18690
10663	CAAAGCCC A AUGUCAGA	3383	UCUGACAU CUGAUGAG GCCGUUAGGC CGAA IGGCUUUG	18691
10669	CCAAUGUC A GACCACGC	3384	GCGUGGUC CUGAUGAG GCCGUUAGGC CGAA IACAUUGG	18692
10673	UGUCAGAC C ACGCUACG	3385	CGUAGCGU CUGAUGAG GCCGUUAGGC CGAA IUCUGACA	18693
10674	GUCAGACC A CGCUACGG	3386	CCGUAGCG CUGAUGAG GCCGUUAGGC CGAA IGUCUGAC	18694
10678	GACCACGC U ACGGCGUG	3387	CACGCCGU CUGAUGAG GCCGUUAGGC CGAA ICGUGGUC	18695
10688	CGGCGUGC U ACUCUGCG	3388	CGCAGAGU CUGAUGAG GCCGUUAGGC CGAA ICACGCCG	18696
10691	CGUGCUAC U CUGCGGAG	3389	CUCCGCAG CUGAUGAG GCCGUUAGGC CGAA IUAGCACG	18697
10693	UGCUACUC U GCGGAGAG	3390	CUCUCCGC CUGAUGAG GCCGUUAGGC CGAA IAGUAGCA	18698
10705	GAGAGUGC A GUCUGCGA	3391	UCGCAGAC CUGAUGAG GCCGUUAGGC CGAA ICACUCUC	18699
10709	GUGCAGUC U GCGAUAGU	3392	ACUAUCGC CUGAUGAG GCCGUUAGGC CGAA IACUGCAC	18700
10720	GAUAGUGC C CCAGGAGG	3393	CCUCCUGG CUGAUGAG GCCGUUAGGC CGAA ICACUAUC	18701
10721	AUAGUGCC C CAGGAGGA	3394	UCCUCCUG CUGAUGAG GCCGUUAGGC CGAA IGCACUAU	18702
10722	UAGUGCCC C AGGAGGAC	3395	GUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IGGCACUA	18703
10723	AGUGCCCC A GGAGGACU	3396	AGUCCUCC CUGAUGAG GCCGUUAGGC CGAA IGGGCACU	18704
10731	AGGAGGAC U GGGUUAAC	3397	GUUAACCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU	18705
10740	GGGUUAAC A AAGGCAAA	3398	UUUGCCUU CUGAUGAG GCCGUUAGGC CGAA IUUAACCC	18706
10746	ACAAAGGC A AACCAACG	3399	CGUUGGUU CUGAUGAG GCCGUUAGGC CGAA ICCUUUGU	18707
10750	AGGCAAAC C AACGCCCC	3400	GGGGCGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGCCU	18708
10751	GGCAAACC A ACGCCCCA	3401	UGGGGCGU CUGAUGAG GCCGUUAGGC CGAA IGUUUGCC	18709
10756	ACCAACGC C CCACGCGG	3402	CCGCGUGG CUGAUGAG GCCGUUAGGC CGAA ICGUUGGU	18710
10757	CCAACGCC C CACGCGGC	3403	GCCGCGUG CUGAUGAG GCCGUUAGGC CGAA IGCGUUGG	18711
10758	CAACGCCC C ACGCGGCC	3404	GGCCGCGU CUGAUGAG GCCGUUAGGC CGAA IGGCGUUG	18712
10759	AACGCCCC A CGCGGCCC	3405	GGGCCGCG CUGAUGAG GCCGUUAGGC CGAA IGGGCGUU	18713
10766	CACGCGGC C CUAGCCCC	3406	GGGGCUAG CUGAUGAG GCCGUUAGGC CGAA ICCGCGUG	18714
10767	ACGCGGCC C UAGCCCCG	3407	CGGGGCUA CUGAUGAG GCCGUUAGGC CGAA IGCCGCGU	18715
10768	CGCGGCCC U AGCCCCGG	3408	CCGGGGCU CUGAUGAG GCCGUUAGGC CGAA IGGCCGCG	18716
10772	GCCCUAGC C CCGGUAAU	3409	AUUACCGG CUGAUGAG GCCGUUAGGC CGAA ICUAGGGC	18717
10773	CCCUAGCC C CGGUAAUG	3410	CAUUACCG CUGAUGAG GCCGUUAGGC CGAA IGCUAGGG	18718
10774	CCUAGCCC C GGUAAUGG	3411	CCAUUACC CUGAUGAG GCCGUUAGGC CGAA IGGCUAGG	18719
10790	GUGUUAAC C AGGGCGAA	3412	UUCGCCCU CUGAUGAG GCCGUUAGGC CGAA IUUAACAC	18720
10791	UGUUAACC A GGGCGAAA	3413	UUUCGCCC CUGAUGAG GCCGUUAGGC CGAA IGUUAACA	18721
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Table IV

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10804	GAAAGGAC U AGAGGUUA	3414	UAACCUCU CUGAUGAG GCCGUUAGGC CGAA IUCCUUUC	18722
10821	GAGGAGAC C CCGCGGUU	3415	AACCGCGG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUC	18723
10822	AGGAGACC C CGCGGUUU	3416	AAACCGCG CUGAUGAG GCCGUUAGGC CGAA IGUCUCCU	18724
10823	GGAGACCC C GCGGUUUA	3417	UAAACCGC CUGAUGAG GCCGUUAGGC CGAA IGGUCUCC	18725
10838	UAAAGUGC A CGGCCCAG	3418	CUGGGCCG CUGAUGAG GCCGUUAGGC CGAA ICACUUUA	18726
10843	UGCACGGC C CAGCCUGA	3419	UCAGGCUG CUGAUGAG GCCGUUAGGC CGAA ICCGUGCA	18727
10844	GCACGGCC C AGCCUGAC	3420	GUCAGGCU CUGAUGAG GCCGUUAGGC CGAA IGCCGUGC	18728
10845	CACGGCCC A GCCUGACU	3421	AGUCAGGC CUGAUGAG GCCGUUAGGC CGAA IGGCCGUG	18729
10848	GGCCCAGC C UGACUGAA	3422	UUCAGUCA CUGAUGAG GCCGUUAGGC CGAA ICUGGGCC	18730
10849	GCCCAGCC U GACUGAAG	3423	CUUCAGUC CUGAUGAG GCCGUUAGGC CGAA IGCUGGGC	18731
10853	AGCCUGAC U GAAGCUGU	3424	ACAGCUUC CUGAUGAG GCCGUUAGGC CGAA IUCAGGCU	18732
10859	ACUGAAGC U GUAGGUCA	3425	UGACCUAC CUGAUGAG GCCGUUAGGC CGAA ICUUCAGU	18733
10867	UGUAGGUC A GGGGAAGG	3426	CCUUCCCC CUGAUGAG GCCGUUAGGC CGAA IACCUACA	18734
10878	GGAAGGAC U AGAGGUUA	3427	UAACCUCU CUGAUGAG GCCGUUAGGC CGAA IUCCUUCC	18735
10895	GUGGAGAC C CCGUGCCA	3428	UGGCACGG CUGAUGAG GCCGUUAGGC CGAA IUCUCCAC	18736
10896	UGGAGACC C CGUGCCAC	3429	GUGGCACG CUGAUGAG GCCGUUAGGC CGAA IGUCUCCA	18737
10897	GGAGACCC C GUGCCACA	3430	UGUGGCAC CUGAUGAG GCCGUUAGGC CGAA IGGUCUCC	18738
10902	CCCCGUGC C ACAAAACA	3431	UGUUUUGU CUGAUGAG GCCGUUAGGC CGAA ICACGGGG	18739
10903	CCCGUGCC A CAAAACAC	3432	GUGUUUUG CUGAUGAG GCCGUUAGGC CGAA IGCACGGG	18740
10905	CGUGCCAC A AAACACCA	3433	UGGUGUUU CUGAUGAG GCCGUUAGGC CGAA IUGGCACG	18741
10910	CACAAAAC A CCACAACA	3434	UGUUGUGG CUGAUGAG GCCGUUAGGC CGAA IUUUUGUG	18742
10912	CAAAACAC C ACAACAAA	3435	UUUGUUGU CUGAUGAG GCCGUUAGGC CGAA IUGUUUUG	18743
10913	AAAACACC A CAACAAAA	3436	UUUUGUUG CUGAUGAG GCCGUUAGGC CGAA IGUGUUUU	18744
10915	AACACCAC A ACAAAACA	3437	UGUUUUGU CUGAUGAG GCCGUUAGGC CGAA IUGGUGUU	18745
10918	ACCACAAC A AAACAGCA	3438	UGCUGUUU CUGAUGAG GCCGUUAGGC CGAA IUUGUGGU	18746
10923	AACAAAAC A GCAUAUUG	3439	CAAUAUGC CUGAUGAG GCCGUUAGGC CGAA IUUUUGUU	18747
10926	AAAACAGC A UAUUGACA	3440	UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUGUUUU	18748
10934	AUAUUGAC A CCUGGGAU	3441	AUCCCAGG CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU	18749
10936	AUUGACAC C UGGGAUAG	3442	CUAUCCCA CUGAUGAG GCCGUUAGGC CGAA IUGUCAAU	18750
10937	UUGACACC U GGGAUAGA	3443	UCUAUCCC CUGAUGAG GCCGUUAGGC CGAA IGUGUCAA	18751
10947	GGAUAGAC U AGGAGAUC	3444	GAUCUCCU CUGAUGAG GCCGUUAGGC CGAA IUCUAUCC	18752
10956	AGGAGAUC U UCUGCUCU	3445	AGAGCAGA CUGAUGAG GCCGUUAGGC CGAA IAUCUCCU	18753
10959	AGAUCUUC U GCUCUGCA	3446	UGCAGAGC CUGAUGAG GCCGUUAGGC CGAA IAAGAUCU	18754
10962	UCUUCUGC U CUGCACAA	3447	UUGUGCAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAGA	18755
10964	UUCUGCUC U GCACAACC	3448	GGUUGUGC CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA	18756
10967	UGCUCUGC A CAACCAGC	3449	GCUGGUUG CUGAUGAG GCCGUUAGGC CGAA ICAGAGCA	18757
10969	CUCUGCAC A ACCAGCCA	3450	UGGCUGGU CUGAUGAG GCCGUUAGGC CGAA IUGCAGAG	18758
10972	UGCACAAC C AGCCACAC	3451	GUGUGGCU CUGAUGAG GCCGUUAGGC CGAA IUUGUGCA	18759
10973	GCACAACC A GCCACACG	3452	CGUGUGGC CUGAUGAG GCCGUUAGGC CGAA IGUUGUGC	18760
10976	CAACCAGC C ACACGGCA	3453	UGCCGUGU CUGAUGAG GCCGUUAGGC CGAA ICUGGUUG	18761
10977	AACCAGCC A CACGGCAC	3454	GUGCCGUG CUGAUGAG GCCGUUAGGC CGAA IGCUGGUU	18762
10979	CCAGCCAC A CGGCACAG	3455	CUGUGCCG CUGAUGAG GCCGUUAGGC CGAA IUGGCUGG	18763
10984	CACACGGC A CAGUGCGC	3456	GCGCACUG CUGAUGAG GCCGUUAGGC CGAA ICCGUGUG	18764
10986	CACGGCAC A GUGCGCCG	3457	CGGCGCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG	18765
10993	CAGUGCGC C GACAAUGG	3458	CCAUUGUC CUGAUGAG GCCGUUAGGC CGAA ICGCACUG	18766
10997	GCGCCGAC A AUGGUGGC	3459	GCCACCAU CUGAUGAG GCCGUUAGGC CGAA IUCGGCGC	18767
11006	AUGGUGGC U GGUGGUGC	3460	GCACCACC CUGAUGAG GCCGUUAGGC CGAA ICCACCAU	18768
11021	GCGAGAAC A. CAGGAUCU	3461	AGAUCCUG CUGAUGAG GCCGUUAGGC CGAA IUUCUCGC	18769
				ليتنس

Input Sequence = AF196835. Cut Site = CH/.

Arm Length = 8. Core Sequence = CUGAUGAG X CGAA (X = GCCGUUAGGC or other stem II)

AF196835 West Nile virus strain NY99-flamingo382-99, complete genome

Table V: WNV Zinzyme and Target Sequence

Table V

Ров	Substrate	Seg ID	К1Ьохуше	Rz Seq
σ	AGUAGUUC G CCUGUGUG	3462	CACACACA TOTTO A POSTOR PERSON TO TOTAL TO	1000
13		20462	ACTION ACCOUNTS ACCOUNTS ACCOUNTS	18770
1 2	CONTROL O LICITOURIES	2,03	AGCUCACA GCCGAAGGCGAGGGGGCCT AGGCGAAC	18771
		3464	UCAGCUCA GCCGAAAGGCGAGUGAGGUCU ACAGGCGA	18772
		3465	UUUGUCAG GCCGAAAGGCGAGUGAGGUCU UCACACAG	18773
32		3466	AAACACUA GCCGAAAGGCGAGUGAGGUCU UAAGUUUG	18774
3	ACUUAGUA G UGUUUGUG	3467	CACAAACA GCCGAAAGGCGAGUGAGGUCU UACUAAGU	18775
37	UDAGUAGU G UUUGUGAG	3468	CUCACAAA GCCGAAAGGCGAGUGAGGUCU ACUACUAA	18776
41	UAGUGUUU G UGAGGAUU	3469	AAUCCUCA GCCGAAAGGCGAGUGAGGUCU AAACACUA	18777
99	UVAACACA G UGCGAGCU	3470	AGCUCGCA GCCGAAAGGCGAGUGAGGUCU UGUGUUAA	18778
68	ט	3471	ACAGCUCG GCCGAAAGGCGAGUGAGGUCU ACUGUGUU	18779
72	CAGUGCGA G CUGUUUCU	3472	AGAAACAG GCCGAAAGGCGAGUGAGGUCU UCGCACUG	18780
75	0	3473	CUAAGAAA GCCGAAAGGCGAGUGAGGUCU AGCUCGCA	18781
83	GUUUCUUA G CACGAAGA	3474	UCUUCGUG GCCGAAAGGCGAGUGAGGUCU UAAGAAAC	18782
99	٥	3475	UUCUUAGA GCCGAAAGGCGAGUGAGGUCU AUCGAGAU	18783
117	O	3476	UUGCCGGG GCCGAAAGGCGAGGUGAGGUCU CCUCCUGG	18784
122	Ø	3477	GGCUCUUG GCCGAAAGGCGAGUGAGGUCU CGGGCCCU	18785
128	CGGCAAGA G CCGGGCUG	3478	CAGCCCGG GCCGAAAGGCGAGUGAGGUCU UCUUGCCG	18786
133	AGAGCCGG G CUGUCAAU	3479	AUUGACAG GCCGAAAGGCGAGUGAGGUCU CCGGCUCU	18787
136		3480	CAUAUUGA GCCGAAAGGCGAGUGAGGUCU AGCCCGGC	18788
144	ט	.3481	CGUUUUAG GCCGAAAGGCGAGUGAGGUCU AUAUUGAC	18789
152	0	3482	GCAUUCCG GCCGAAAGGCGAGUGAGGUCU GUUUUAGC	18790
159		3483	ACGCGGGG GCCGAAAGGCGAGUGAGGUCU AUUCCGCG	18791
164	AAUGCCCC G CGUGUUGU	3484	ACAACACG GCCGAAAGGCGAGGGGGCUCU GGGGCAUU	18792
166	UGCCCGC G UGUUGUCC	3485	GGACAACA GCCGAAAGGCGAGUGAGGUCU GCGGGGCA	18793
168	cccacan a mancenn	3486	AAGGACAA GCCGAAAGGCGAGUGAGGUCU ACGCGGGG	18794
171	CGCGUGUU G UCCUUGAU	3487	AUCAAGGA GCCGAAAGGCGAGUGAGGUCU AACACGCG	18795
561	UGAAGAGG G CUAUGUUG	3488	CAACAUAG GCCGAAAGGCGAGUGAGGUCU CCUCUUCA	18796
861	AGGGCUAU G UUGAGCCU	3489	AGGCUCAA GCCGAAAGGCGAGUGAGGUCU AUAGCCCU	18797
512	UAUGUUGA G CCUGAUCG	3490	CGAUCAGG GCCGAAAGGCGAGUGAGGUCU UCAACAUA	18798
21.5	GAUCGACG G CAAGGGGC	3491	GCCCCUUG GCCGAAAGGCGAGUGAGGUCU CGUCGAUC	18799
277	GGCAAGGG G CCAAUACG	3492	CGUAUUGG GCCGAAAGGCGAGUGAGGUCU CCCUUGCC	18800
222	DACGAUUU G UGUUGGCU	3493		18801
/53/	CGAUUUGU G UUGGCUCU	3494	AGAGCCAA GCCGAAAGGCGAGUGAGGUCU ACAAAUCG	18802
7 7 7	undengang a cacacana	3495	CAAGAGAG GCCGAAAGGCGAGUGAGGUCU CAACACAA	18803
000	cucucada a canacana	3496	GAAGAACG GCCGAAAGGCGAGUGAGGUCU CAAGAGAG	18804
707	CUCUUGGC G DUCUDCAG	3497	CUGRAGAA GCCGAAAGGCGAGUGAGGUCU GCCAAGAG	18805

261	UUCUUCAG G UUCACAGC	3498	GCUGUGAA GCCGAAAGGCGAGUGAGGUCU CUGAAGAA	18806
268	GGUUCACA G CAAUUGCU	3499	AGCAAUUG GCCGAAAGGCGAGUGAGGUCU UGUGAACC	18807
274	CAGCAAUU G CUCCGACC	3500	GGUCGGAG GCCGAAAGGCGAGUGAGGUCU AAUUGCUG	18808
286	CGACCCGA G CAGUGCUG	3501	CAGCACUG GCCGAAAGGCGAGUGAGGUCU UCGGGUCG	18809
289	CCCGAGCA G UGCUGGAU	3502	AUCCAGCA GCCGAAAGGCGAGUGAGGUCU UGCUCGGG	18810
291		3503	CGAUCCAG GCCGAAAGGCGAGUGAGGUCU ACUGCUCG	18811
308	AUGGAGAG G UGUGAACA	3504	UGUUCACA GCCGAAAGGCGAGUGAGGUCU CUCUCCAU	18812
310	GGAGAGGU G UGAACAAA	3505	UNUGUUCA GCCGAAAGGCGAGUGAGGUCU ACCUCUCC	18813
325	AACAAACA G CGAUGAAA	3506	UUUCAUCG GCCGAAAGGCGAGUGAGGUCU UGUUUGUU	18814
344	Ð	3507	UCUUAAAA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG	18815
374	CUUGACCA G UGCUAUCA	3508	UGAUAGCA GCCGAAAGGCGAGUGAGGUCU UGGUCAAG	18816
376	UGACCAGU G CUAUCAAU	3509	AUUGAUAG GCCGAAAGGCGAGUGAGGUCU ACUGGUCA	18817
387	AUCAAUCG G CGGAGCUC	3510	GAGCUCCG GCCGAAAGGCGAGUGAGGUCU CGAUUGAU	18818
392	UCGGCGGA G CUCAAAAC	3511	GUUUUGAG GCCGAAAGGCGAGUGAGGUCU UCCGCCGA	18819
430	CCGGAAUU G CAGUCAUG	3512	CAUGACUG GCCGAAAGGCGAGUGAGGUCU AAUUCCGG	18820
433	U	3513	AAUCAUGA GCCGAAAGGCGAGUGAGGUCU UGCAAUUC	18821
443	O	3514	CGAUCAGG GCCGAAAGGCGAGUGAGGUCU CAAUCAUG	18822
451		3515	UACGCUGG GCCGAAAGGCGAGUGAGGUCU GAUCAGGC	18823
455	GAUCGCCA G CGUAGGAG	3516	CUCCUACG GCCGAAAGGCGAGUGAGGUCU UGGCGAUC	18824
457	UCGCCAGC G UAGGAGCA	3517	UGCUCCUA GCCGAAAGGCGAGUGAGGUCU GCUGGCGA	18825
463		3518	GGUAACUG GCCGAAAGGCGAGUGAGGUCU UCCUACGC	18826
466	O	3519	GAGGGUAA GCCGAAAGGCGAGUGAGGUCU UGCUCCUA	18827
493		3520		18828
505	ø	3521	AGCAUJUA GCCGAAAGGCGAGUGAGGUCU CGUCAUCA	18829
511	CGGUAAAU G CUACUGAC	3522	GUCAGUAG GCCGAAAGGCGAGUGAGGUCU AUUUACCG	18830
520		3523	AUCUGUGA GCCGAAAGGCGAGUGAGGUCU GUCAGUAG	18831
529	O	3524	CGUGAUGA GCCGAAAGGCGAGUGAGGUCU AUCUGUGA	18832
547	ပ	3525	UCCAGCAG GCCGAAAGGCGAGUGAGGUCU UGUUGGAA	18833
550	ס	3526	CUUUCCAG GCCGAAAGGCGAGUGAGGUCU AGCUGUUG	18834
566	GAACCUAU G CAUUGUCA	3527	UGACAAUG GCCGAAAGGCGAGUGAGGUCU AUAGGUUC	18835
571		3528		18836
577	UNGUCAGA G CAANGGAU	3529	AUCCAUUG GCCGAAGGCGAGUGAGGUCU UCUGACAA	18837
586	CAAUGGAU G UGGGAUAC	3530	GUAUCCCA GCCGAAAGGCGAGUGAGGUCU AUCCAUUG	18838
597	O	3531	UCAUCGCA GCCGAAAGGCGAGUGAGGUCU AUGUAUCC	18839
599	0	3532	UAUCAUCG GCCGAAAGGCGAGUGAGGUCU ACAUGUAU	18840
623	UVAUGAAU G CCCAGUGC	3533	GCACUGGG GCCGAAGGCGAGUGAGGUCU AUUCAUAA	18841
628	AAUGCCCA G UGCUGUCG	3534	CGACAGCA GCCGAAAGGCGAGUGAGGUCU UGGGCAUU	18842
630		3535	GCCGACAG GCCGAAAGGCGAGUGAGGUCU ACUGGGCA	18843
633	CCAGUGCU G UCGGCUGG	3536	CCAGCCGA GCCGAAAGGCGAGUGAGGUCU AGCACUGG	18844
637	UGCUGUCG G CUGGUAAU	3537	AUUACCAG GCCGAAAGGCGAGUGAGGUCU CGACAGCA	18845

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	3545		GCCGAAAGGCGAGUGAGGUCU GUAGACUG
	UACGUCAG G UAUGGAAG 3546		GCCGAAAGGCGAGUGAGGUCU CUGACGUA
	CACCAAGA		GCCGAAAGGCGAGUGAGGUCU AUCUUCCA
			GUGUCUUG
	G UCGGAGGII 3550		GCCGAAAGGCGAGUGAGGUCU GUCUUGAG
	G UCACUGAC 3551		GCCGAAAGGCGAGGGCU UGCGUCUU
	3552		GCCGANAGGCGAGUCU CUCCGACU
	G CAGACACA 3553		1
	G CACUCUAG 3554		1
	-		1
	G CUUGGAUG 3556		+
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	G CCACAAGG 3558		1
	G UAUTUGGU 3559		+
	G UAAAAACA 3560		GCCGAAAGGCGAGUGAGGUCU CAAAIIACC
	G CCCUGGUG 3561		GCCGAAAGGCGAGUGAGGUCU AUAUCCAG
	G UGGCAGCC 3562	U	CAGGGCAU
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AGCUUACA G CUUCAACU 3580		O	3579	GCUGUAAG GCCGAAAGGCGAGUGAGGUCU UGGGGCCA	18887
CUNCAACU G CCUUGGAA 3581 UGGAAUGA G CAACAGAG 3582 UGGAAGGA G UGUCUGGA 3583 GAAGGAGU G UCUCGAAA 3583 GAAGGAGU G UCUCGAAA 3586 UGUCUGGA G CAACAUGG 3586 UGCACAUGG G UGCAUUUG 3589 CCAACAUGG G UGCAUACU 3591 ACAGCUGC G UGCGUGA 3592 ACAGCUGC G UGCGUCAC 3591 ACAGCUGAC G CAGCCAU 3596 ACAGCUGAC G CAGCCAU 3591 ACAGCUGAC G CAGCCAU 3599 ACAGCUGAC G CAGCCAU 3599 ACAGCUGAC G CAGCCAU 3599 ACAGCUGC G CAGCUAUU 3599 ACAGCUGC G CAGCUAUU 3599 ACAGCUGAC G CAGCUAUU 3599 ACAGCUGC G CAGCUAUU 3599 ACAGCUCAC G CAGCUAUU 3500 ACAGCUGC G CAGCUAUU 3500 ACAGCUCAC G CAGCUAUU 3500 ACCACCAAAGCU G CAGCCCAC 3500 AAAGCUAC G CAGCCCAC 3500 AAAGCUAC G CACCCACC 3500 ACCACCAAAGC G CACCCACC 3500 AAAAGCUAC G CACCCACC 3500 ACAAAACG G CACCCACC 3500 ACAAAACG G CACCCACC 3500 ACAAAACG G CACCCACC 3500 ACAAAACG G CACCCAAC 3500 ACAAAACG G CACCCACC 3500 ACAAAACG G CACCCACCAC 3500 ACAAAACG G CACCCACCAC 3500 ACAAAACG G CACCACCAC 3500 ACAAAACG G CACCCACCAC 3500 ACAAAACG G CACCCACCAC 3500 ACAAAACG G CACCACCAC 3500 ACAAAACG G CACCACCAC 3500 ACAAAAACG G CACCACCAC 3500 ACAAAACG G CACCACCAC 3500 ACAAAACG G CACCACCAC 3500 ACAAAACG G CACCACCACCAC 3500 ACAAAACG G CACCACCACCAC 3500 ACAACCACACACACAC 3500 ACAACCACACACACACACACACACACACACACACAC	Ì	ro :	3580	AGUUGAAG GCCGAAAGGCGAGUGAGGUCU UGUAAGCU	18888
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UGGAAGGA G UGUCUGGA 3583 UCCAGACA GAAGGAGU G UCUGGAGC 3584 GCUCCAGA UGUCUGGA G CAACAUGG 3585 CCAUGGUG CAACAUUG G UGGAUUUG 3586 CCAAGUUG CAACAUUG G UGGAUGACUA 3587 UUCAGGAG UCUCGAACA G CAGCGUGA 3589 UCACGCAG AGGCGACA G CAGCGAGA 3590 UACUCGAG AGGCGACA G CAGCCAUC 3593 UCCUUNGA ACAGCUGC G CAGUCAAC 3593 UCCUUNGA ACAGCUGC G CAGUCAAC 3593 AUGUGACG ACUACCUG G CAGUCAAC 3596 CAGGUACG AUAUGAGG G UCACCCAU 3596 CAGGUACG UGGCAGAG G UCACCCAU 3597 GACCCCCUU UGACCAGA G CAGUCAAC 3596 CAGGUACG UGACCAGA G UCACCAGU 3599 ACUCCGGG UGACCAGA G UCACCAGU 3599 ACUCCGGG GCACUUCG G CAGUUAUU 3599 ACUCCGGG GCACUUUG G CUCCCCAG 3601 ACCCGCGG UGCCGAC G UCACCAGA 3602 GCACCCCCG UGCCCCAAA <td< td=""><td></td><td>o</td><td>3582</td><td>CUCUGUUG GCCGAAAGGCGAGUGAGGUCU UCAUUCCA</td><td>18890</td></td<>		o	3582	CUCUGUUG GCCGAAAGGCGAGUGAGGUCU UCAUUCCA	18890
GAAGGAGU G UCUGGAGC 3584 GCUCCAGA UGUCUGGA G CAACAUGG 3585 CCAAGUUG CAACAUGG 3585 CCAAGUUG CAACAUGG 3586 CAAAUCCA UGGAUUUG G UGGAUUAG 3587 UUCACGAGA AGGCGACA G CGUCACAG 3589 UCACGCAG AGGCGACA G CGUCACAG 3591 AGGCGACG ACAGCUGC G UGACUAUC 3593 AUGGUACA ACAGCUGC G UGACCAGA 3593 AUGGUACA ACAGCUGC G UGACCAGA 3593 AUGGUACA ACAGCUGC G UGACCAGA 3594 CCCUUNCA AUNUGGA G UCACCCUG 3593 ACUCCUCG UCAACCUG G UGAGGUCA 3594 CCCUUNCA AUNUGGA G UCACCCUG 3599 ACUCCUCG UCAACCUG G UCAGAGUC 3599 ACUCCUCG UCAACCUG G UCAGCGAM 3601 CCCAAUAA GGUCACAA G UCACCGAM 3603 ACUCCGCAA GGUCACCAA G UCACCCCAA 3603 ACUCCCGAA GCCACACAAA G CGCCCCAAACA 3604 ACACCCCCAAACA CCAAAGCCAG G UCACCCAA 3608		ט	3583	UCCAGACA GCCGAAAGGCGAGUGAGGUCU UCCUUCCA	18891
UGUCUGGA G CAACAUGG 3585 CCAUGUUG CAACAUGG G UGGAUUUG 3586 CAAAUCCA UGGAUUUG G UGGAUUUG 3587 UUCGAGAA UGGAUUUG G UGGAUUUG 3588 AGCUGUCG AGGCGACA G CAGCGUGA 3589 UCACCGAG AGGCGACA G CAGCGUGA 3591 GAUAGUCA ACAGCUGC G UGACCAU 3592 UCCCUUAGA ACAGCUGC G UGACCAU 3593 AUGGUACG ACAGCUGA G CUACCAU 3594 CAUCUUCA AUNUGGA G CUACCCUC 3593 AUGGUACG UCAACCUG G CAGUCAUC 3594 CAUCUUCA AUNUGGA G UCAACCUG 3594 CAUCUUCA AUNUGGA G UCAACCUG 3594 CAUCUUCA UCAACCUG G CAGUCAUC 3596 AAUAACUG UCAACCUG G CAGUCAUU 3599 ACUCCUCG UGGCACAA G UCACCCUC 3601 CCAACUUU GCUACUUUU G CUACCCUC 3602 GACCCUCU UGGCCCAA G UCACCCUC 3603 AUCCCCUC UGCCCAAA 3603 ACCCCCCAA ACACCCAAA GCACCCAAAC 3608 </td <td></td> <td>ø</td> <td>3584</td> <td></td> <td>18892</td>		ø	3584		18892
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UGGAUUUG G UUCUCGAA 3587 UUCGAGAA UCUCGAAG G CGACAGCU 3588 AGCUGUCG AGGCGACA G CUGCGUGA 3589 UCACGCAG CGACAGCU G CGUGACUA 3590 UAGUCACA ACAGCUGC G UGACUAUC 3591 UAGUCACA ACAGCUGC G UGACUAUC 3592 UAGUCACA ACAGCUGC G UGACCAU 3593 AUGGUACA ACAGCUGC G UGACCAU 3594 CAUCUUCA ACAGCUGA G UGACCAU 3595 AUGUGACCA CCANCGAU G UGACCAU 3595 AUGUGACCA AUAUGGAG G UCAACCUG 3596 CAUCUUCA AUAUGGAG G UCAACCUG 3597 GUCCUCUG UCAACCUG 3596 CAUCUUCA UCAACCUG 3599 AUCUCAGA UCAACCUG 3599 AUCUCAGA UCAGUACU 3599 AUCUCAGA UGGCAGAG UUAUUGCU 3601 ACCCUCUG GCUAUUUG GCUACCGAC 3601 ACCAAAUAG CCAACGAA GCUACCGAC 3604 ACACGCAGA CCAACCAAA GCUACCCAA			3586	CAAAUCCA GCCGAAAGGCGAGUGAGGUCU CCAUGUUG	18894
UCUCGAAG 3588 AGCUGUCG AGGCGACA 3589 UCACGCAG AGGCGACA 3590 UAGUCAG CGACAGCU G CUGCGUGA 3591 UAGUCACA ACAGCUGC G UGACUAUC 3592 UAGUCACA ACAGCUGC G UGACUAUC 3593 AUGGUAGA ACAGCUGA G UCAACCAU 3594 CAUCUUCA ACAGCUGA G CCUACCAU 3595 AUGGUACC ACAGCUGA G UGAACUAU 3596 CAUCUUCA AUAUGGAG G UCAACCUG 3596 CAUCUUCA AUAUGGAG G UCAACCUG 3596 CAUCUUCA AUAUGGAG G UCAACCUG 3599 AAUAACUG UGGCAGAG G UCAACCUG 3599 AAUAACUG UGGCCAGA G UUAUUGGU 3599 AAUAACUG GCUACCGCA G UUAUUGGU 3603 ACCGCGGA GCUACUCUC 360 ACCGCCGA UGGCCACAC 3603 ACCGCCGA UGCCCGCA G UCACCAAU 3604 ACCGCCCACC CCAAAGC G CUACCCACC 3606 ACCGCCCCACC CCAAAGC G CUACCCACC 3606 ACC		Ø	3587	UUCGAGAA GCCGAAAGGCGAGUGAGGUCU CAAAUCCA	18895
AGGCGACA G CUGCGUGA 3589 UCACGCAG CGACAGCU G CUGCGUGA 3590 UAGUCACG ACAGCUGC G UGACUAUC 3591 UAGUCACG ACAGCUGC G UGACUAUC 3592 UAGUAGGA ACUAUCAU G UCAACCAU 3593 AUGGUAGG AAGGACAA G CCUACCAU 3594 CAUCUUCA AAGGACAA G CCUACCAU 3594 CAUCUUCA AUAUGGAG G UCAACCUG 3596 CAUCUUCA AUAUGGAG G UCAACCUG 3599 AUGGCGGA UCAACCUG G CAGUUAUU 3599 ACUGCGGA UCAACCUG G CAGUUAUU 3599 ACUGCGGA UCAGCAGA G UUAUUGGU 3599 ACUGCGGA GGUCCGCA G UUAUUGGU 3599 ACUGCGGA GCUAUUUG G CUACCAU 3603 ACCGCGGA GCUAUUUG G CUACCAU 3603 ACCGCCGA GCCACCACA 3604 ACCGCCAGA GCACCCAAC 3605 ACCGCCAGA GCACCCAAC 3606 ACCGCCAGA GCACCCAAC 3608 ACCGCCAGA AAAGCUGC GCACCACCACA 3608 ACCGCCAC		Ð	3588	AGCUGUCG GCCGAAAGGCGAGUGAGGUCU CUUCGAGA	18896
CGACAGCU G CGUGACUA 3590 UAGUCAGC ACAGCUGC G UGACUAUC 3591 GAUAGUCA ACAGCUGC G UGACUAUC 3592 UCCUUNGA ACAGCUGC G UGACUAUC 3593 AUGGUAGG AAGGACAA G CCUACCAU 3594 CAUCUUCA AAGGACAA G CCUACCAU 3594 CAUCUUCA AUAUGGAG G UCAACCUG 3595 GUUGACCGG UGAACCUG G CAGUUAUU 3599 ACUGCGGA UGAGCUCG G CAGUUAUU 3599 ACUGCGGA UGAGCUAC G CAGUUAUU 3599 ACUGCGGA GGUCCGCA G UUAUUGCU 3602 ACCAAUAA CAGUUAUU G CUACCGAC 3603 ACCAAUAA GCUACUCGA G UUAUUGCU 3603 ACCAAUAA GCUACUCCGA G UCACCAC 3603 ACCAAUAA GCUACUCCGA G UCACCACA 3604 AGCACGCGA GCACCCACAC 3605 ACCACCCAC CCAAAGCU 3604 ACCACCCAC CCACACCAA GCACCCACCA 3605 ACCACCCAC CCAAAGCU GCACCCACCA 3608 AUGCGCCCA CCAAA		O	3589	UCACGCAG GCCGAAAGGCGAGUGAGGUCU UGUCGCCU	18897
ACAGCUGC G UGACUAUC 3591 GAUAGUCA ACUAUCAU G UCUAAGGA 3592 UCCUUNGA ACUAUCAU G UCUAAGGA 3593 AUGGUAGG AAGGACAA G CCUACCAU 3594 CAUCUUCA AUAUGGAG G UGAACCUG 3595 GUUGACCG UGAACCUG 3596 CAGGUUGA UGAACCUG 3599 ACUGCGGA UGAAGGUC G CAGUUAUU 3599 ACUGCGGA UGAGGUCC G CAGUUAUU 3599 ACUGCGGA AGGUCCGCA G UGACCGUC 3500 AGCAGUGA GGUCCGCA G UUAUUGCU 3601 ACCAGUAA GGUCCGCA G UUAUUGCU 3602 AAUAACUG GCUACUCUC 3602 ACCAGUAA GCUACUCUC 3603 ACCAGUGA GCUACUCUC 3604 AGCACGUGA GCUACCGAC 3605 ACCAGUAC GCCACCAAC 3608 ACCGCCAC CCAAAGCU 3608 ACCGCCAC CCAAAGCU 3608 AUGCCGCAC AAAGCUGC G CCCACACCAC <		аасадси в свивасия	3590	UAGUCACG GCCGAAAGGCGAGUGAGGUCU AGCUGUCG	18898
ACUAUCAU G UCUAAGGA 3592 UCCUUNGA AAGGACAA G CCUACCAU 3593 AUGGUAGG CCAUCGAU G UGAAGAUG 3594 CAUCUUCA AUAUGGAG G CGGUCAAC 3596 CAGGUUGA UGGAGGCG G UCAACCUG 3596 CAGGUUGA UGGAGGCG G UCAACCUG 3597 GACCUCUG UGGAGGCG G CAGUUAUU 3599 ACCGCGGA UGGCAGAG G UCAGCAU 3599 ACCGCGGA AGAGGUCC G CAGUUAUU 3599 ACCGCGGA AGAGGUCC G CAGUUAUU 3599 ACCGCGGA AGAGGUCC G CAGUUAUU 3509 ACCGCGGA AGAGGUCC G CAGUUAUU 3509 ACCGCGGA AGAGUUCU 3509 ACCGCGGA AGAGUUCU 3601 CCCAAAUAC ACCGUCA 3603 AUCACCGA ACCCCAAC 3603 AUCACCGAC ACACCCAAC 3604 AGACGCAC ACACCCAAC 3605 ACCGCCAC CCACACCAA CCACACCAC 3606 AUCCGCCAC AAAGCUCC CCCACACCAC 3608 AUCCGCCAC		CAGCUGC G UGACUAUC	3591	GAUAGUCA GCCGAAAGGCGAGUGAGGUCU GCAGCUGU	18899
AAGGACAA G CCUACCAU 3593		CUAUCAU G UCUAAGGA	3592	UCCUUAGA GCCGAAGGCGAGUGAGGUCU AUGAUAGU	18900
CCAUCGAU G UGAAGAUG 3594 CAUCUUCA AUAUGGAG G CGGUCAAC 3595 GUUGACCG UGGAGGCG G UCAACCUG 3596 CAGGUUGA UGGAGGCG G UCAACCUG 3597 GACCUCUG UGGCAGAG G UCACCAGU 3598 ACUGCGGA UGGCAGAG G UCACCAGU 3599 AAUAACUG GGUCCGCA G UUAUUGG 3601 AGCAAUAA GGUCCGCA G UUAUUGG 3602 AGCAAUAA GCUAUUUG G CUACCCUC 3602 AGCAGUAA GCUAUUUG G CUACCCUC 3603 AUGCCUGA UGGCUACC G UCACCAU 3604 AGCAGCUGA UGGCUACC G UCACCAU 3603 AUGCCUGA UGGCUACC G UCACCAU 3604 AGGCCCCGA CCAAAUAG CCAACCCAA 3605 GCACGCACG CCAACCCAA GCACCCCAA 3606 AUGCCCCAG AAAGCUGC G UCACCAA 3606 AUGCCCCAG AAAGCUGC G UCACCAA 3608 AUGCCCCAG AAAGCUGC G UCACCAAC 3608 AUGCCCCAG ACAAACCG G UCACCAAC 3608 AUGCCCCAG ACAACCACA <td></td> <td></td> <td>3593</td> <td>AUGGUAGG GCCGAAAGGCGAGUGAGGUCU UUGUCCUU</td> <td>18901</td>			3593	AUGGUAGG GCCGAAAGGCGAGUGAGGUCU UUGUCCUU	18901
AUANUGAAG G CGGUCAAC 3595			3594	CAUCUUCA GCCGAAAGGCGAGUGAGGUCU AUCGAUGG	18902
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UCAACCUG G CAGAGGUC 3597 UGGCAGAG G UCCGCAGU 3598 AGAGGUCC G CAGUUAUU 3599 AGAGGUCC G CAGUUAUU 3600 GGUCCGCA G UUAUUGCU 3601 GGUCCGCA G UUAUUGCU 3601 GCUAUUUG G CUAUUUGG 3603 UGCCGUCA G UCAGCGAU 3604 CCACCCAAA G CGAUCUCU 3604 CCACCCAAA G CGAUCUCU 3605 CCACCAAAGCU G CGGACCCA 3606 AAAGCUGC G UGCCCGAC 3608 UGGGAGGAA G CCCGACCA 3608 UGGGAGGAA G CUCACAAU 3609 UGGAGAGAA G CUCACAAU 3609 UGACCCCA G UGACCCA 3610 ACAAACGU G CUGACCCA 3610 ACAAACGU G CUGACCAAU 3609 UGACCCCA G CUUUGUG 3613 CCGACUUUU G UGACCAAA 3613 CCGACUUUG 3616 UUUUGUGU G CAGACAAC 3616 GCUUUUGU G CAGACAAC 3616		вамавса в исмассив	3596		18904
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AGAGGUCC G CAGUUAUU 3599	_	весявле в иссеслей	3598	ACUGCGGA GCCGAAAGGCGAGUGAGGUCU CUCUGCCA	18906
GGUCCGCA G UVAUUGCU 3600		GAGGUCC G CAGUUAUU	3599		18907
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GCGAUTUUG G CUACCGUC 3602 UGGCUACC G UCAGCGAU 3603 3604 UACCGUCA G CGAUCUCU 3604 3605 CCACCGAA G CUGCGUGC 3605 3606 CCAAAGCU G CGGCCCGAC 3607 3607 AAAGCUGC G UGCCCGAC 3608 3608 UGGCGGACA G CUCACAAU 3609 UGGCGGACA G CUCACAAU 3609 UGGCGGACA G CUCACAAU 3609 UGGCGGACA G CUCACCAAU 3609 UGGCGCCA G CUUUGUUG G UGACCCA 3611 CUGACCCA G CUUUGUUG G UGACCCA 3613 GCUUUUGU G UGCGGACA 3613 GCUUUUGU G UGCAGACA 3614 UUUUGUGU G UGACGACA 3616 UCACCAACA 3616 UCACCAACAA 361		AGUUAUU G CUAUUUGG	3601	CCAAAUAG GCCGAAAGGCGAGUGAGGUCU AAUAACUG	18909
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UACCGUCA G CGAUCUCU 3604 CCACCAAA G CUGCGUGC 3605 ACAAAGCU G CUGCCCCGAC 3606 AAAGCUGC G UGCCCGAC 3607 AGCUGCGU G CCCGACCA 3608 UGGGAGAA G CUCACAAU 3609 UGACAAAC G UGCUGACC 3610 ACAAACGU G CUGACCCA 3611 CUGACCCA G CUUUGUG 3612 CAGCUUUU G UGUGCAGA 3613 GCUUUGU G UGAGAGACA 3614 UUUUGUGU G CAGACAAG 3616 GACAAAGGA G UGAUGGACA 3616		미	3603	AUCGCUGA GCCGAAAGGCGAGUGAGGUCU GGUAGCCA	18911
CCACCAAA G CUGCGUGC 3605 GCACGCAAA CCAAAGCU G CGUGCCCG 3606 CGGGCACG AAAGCUGC G UGCCCGAC 3607 GUCGGGCA AGCUGCGU G CCCAACAA 3608 UGGUCGGC UGGAGAAA G CUCACAAU 3609 AUUGUGGG UGACAAAC 3610 GGUCAGCA ACAAACGU G CUCACCAA 3611 UGGGUCACA CUGACCCA G CUUUUGUG 3612 CACAAAAG CAGCUUUG UGUGCACA 3613 UCUGCACA GCUUUGU UGCAGACAA 3614 UGUCCACA UUUUGUGU G CAGACAAA 3615 CUUGUCGCA UUUUGUGU G CAGACAAA 3615 CUUGUCGCA		ס	3604		18912
AAAGCUGC G UGCCCGAC 3606 AAAGCUGC G UGCCCGAC 3607 AAAGCUGC G UGCCCGAC 3608 AGCCGCGAC 3608 AGCCGCGAC G G CCCACAAU 3609 AGCCGCGAC G G CCCACAAU 3609 AGCACAAC G UGCCCACA 3611 CCGCCCA G CUUUGUG G UGCCCACA 3613 AGCCUUUGU G UGCCGACA 3613 ACCUUUGUG G CAGACAAG 3616 AGCUUUGUG G CAGACAAG 3616 AGCCACAAGAC 3616 AGCACAAGAC 3616 AGCCACAAGAC 3616 AGCCACAAGAC 3616 AGCCACAAGAC 3616 AGCCACAAGAC 3616 AGCCACAAGAC 3616 AGCCACAACA G AGCCAACA G AGCCAACACA G AGCCAACACACA G AGCCAACACACA G AGCCAACACACA G AGCCAACACACA G AGCCAACACACA G AGCCAACACACA G AGCCAACACACAC			3605		18913
AAAGCUGC G UGCCCGAC 3607 AGCUGCGU G CCCGACCA 3608 UGGGAGAA G CUCACAAU 3609 UGACAAAC G UGCUGACC 3610 ACAAACGU G CUGACCCA 3611 CUGACCCA G CUUUGUG 3612 CAGCUUUG G UGAGAGAA 3614 UUUUGUGU G CAGACAAG 3616 GACAAAGGA G UGGUGAAC 3616		CAAAGCU G CGUGCCCG	3606		18914
AGCUGCGU G CCCGACCA 3608 UGGGAGAA G CUCACAAU 3609 UGACAAAC G UGACGACCA 3610 ACAAACGU G CUGACCCA 3611 CUGACCCA G CUUUGUG 3612 CAGCUUUU G UGUGCAGA 3614 UUUUGUGU G CAGACAAG 3615 GACAAAGGA G UGGUGAAC 3616		AAGCUGC G UGCCCGAC	3607	GUCGGGCA GCCGAAAGGCGAGUGAGGUCU GCAGCUUU	18915
UGGGAGAA 3609 UGACAAAC 3610 ACAAACGU UGACCCA 3610 CUGACCCA 3611 CAGCUUU UGUGCAGA 3612 GCUUUGU UGCAGAGAA 3613 UUUGUGU CAGACAAG 3614 GACAAAGAA 3615		actigogu a coccaacea	3608	UGGUCGGG GCCGAAAGGCGAGUGAGGUCU ACGCAGCU	18916
UGACAAAC G UGCUGACCA 3610 GGUCAGCA ACAAACGU G CUGACCCA 3611 UGGGUCAG CUGACCCA G CUUUGUG 3612 CACAAAAG CAGCUUU G UGUGCAGA 3613 UCUGCACA GCUUUUGU G UGCAGACA 3614 UGUCUGCA UUUUGUGU G CAGACAAG 3615 CUUGUCUG GACAAGGA 3615 CUUGUCUG		ပ	3609	AUUGUGAG GCCGAAAGGCGAGUGAGGUCU UUCUCCCA	18917
ACAAACGU G CUGACCCA 3611 UGGGUCAG CUGACCCA G CUUUÚGUG 3612 CACAAAAG CACCUUUU G UGUGCAGA 3613 UCUGCACA GCUUUUGU G UGCAGACA 3614 UGUCUGCA UUUUGUGU G CAGACAAG 3615 CUUGUCUG GACAAGGA G UGGUGGAC 3615 CUUGUCUG CACAAGGA G UGGUGGAC 3616 GUCCACCA CACAACGA CACAACGA CACAACCA CACAACCAAC			3610	GGUCAGCA GCCGAAAGGCGAGUGAGGUCU GUUUGUCA	18918
CUGACCCA G CUUVIGUG 3612 CACAAAAG CAGCUUUU G UGUGCAGA 3613 UCUGCACA GCUUUUGU G UGCAGACA 3614 UGUCUGCA UUUUGUGU G CAGACAAG 3615 CUUGUCUG GACAAGGA G UGGUGGAC 3615 GUCCACCA		O	3611	UGGGUCAG GCCGAAAGGCGAGUGAGGUCU ACGUUUGU	18919
CAGCUUUU G UGUGCAGA 3613 UCUGCACA GCUUUUGU G UGCAGACA 3614 UGUCUGCA UUUUGUGU G CAGACAAG 3615 CUUGUCUG GACAAGGA G UGGUGGAC 3616 GUCCACCA		ان	3612	CACAAAAG GCCGAAAGGCGAGUGAGGUCU UGGGUCAG	18920
GCUUUUGU G UGCAGACA UUUUGUGU G CAGACAAG 3615 CUUGUCUG GACAAGGA G UGGUGGAC 3616 GUCCACCA		AGCUTUTU G UGUGCAGA	3613	UCUGCACA GCCGAAAGGCGAGUGAGGUCU AAAAGCUG	18921
UNUUGUGU G CAGACAAG 3615 CUUGUCUG GACAAGGA G UGGUGGAC 3616 GUCCACCA		ଠ	3614	UGUCUGCA GCCGAAAGGCGAGUGAGGUCU ACAAAAGC	18922
GACAAGGA G UGGUGGAC 3616 GUCCACCA		ซ	3615	CUUGUCUG GCCGAAAGGCGAGUGAGGUCU ACACAAAA	18923
			3616	GUCCACCA GCCGAAAGGCGAGGGGCUCU UCCUUGUC	18924
AAGGAGUG G UGGACAGG 3617 CCUGUCCA	1255 AP	AAGGAGUG G UGGACAGG	3617	CCUGUCCA GCCGAAAGGCGAGUGAGGUCU CACUCCUU	18925

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1265	GGACAGGG G CUGGGGCA	3618	UGCCCCAG GCCGAAAGGCGAAGGGCCC CCCUGUCC	18926
1271	ט	3619	AGCCGUUG GCCGAAAGGCGAGUGAGGUCU CCCAGCCC	18927
1277	GGGCAACG G CUGCGGAU	3620	AUCCGCAG GCCGAAAGGCGAGUGAGGUCU CGUUGCCC	18928
1280	Ø	3621		18929
1292	O	3622		18930
1301	O	3623	UGUCAAUG GCCGAAAGGCGAGUGAGGUCU UUCCUUUG	18931
1313	0	3624	AUTUGGCG GCCGAAAGGCGAGUGAGGUCU AUGUGUCA	18932
1315	٥	3625	AAAUUUGG GCCGAAAGGCGAGUGAGGUCU GCAUGUGU	18933
1324	0	3626	AGAGCAGG GCCGAAAGGCGAGUGAGGUCU AAAUUUGG	18934
1328	Ö	3627	UGGUAGAG GCCGAAAGGCGAGGUCU AGGCAAAU	18935
1339	CUACCAAG G CAAUAGGA	3628	UCCUAUUG GCCGAAAGGCGAGUGAGGUCU CUUGGUAG	18936
1374	AAUAUCAA G UACGAAGU	3629	ACTUCGUA GCCGAAAGGCGAGUGAGGUCU UUGAUAUU	18937
1381	AGUACGAA G UGGCCAUU	3630	AAUGGCCA GCCGAAAGGCGAGGUCU UUCGUACU	18938
1384	פ	3631		18939
1393	0	3632	UCCAUGGA GCCGAAAGGCGAGUGAGGUCU AAAAAUGG	18940
1411	O	3633	CGACUCCA GCCGAAAGGCGAGUGAGGUCU AGUAGUUG	18941
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1419	GUGGAGUC G CACGGAAA	3635	UUUCCGUG GCCGAAAGGCGAGUGAGGUCU GACUCCAC	18943
1441	CCACACAG G UUGGAGCC	3636		18944
1447	O	3637	CUGAGUGG GCCGAAAGGCGAGUGAGGUCU UCCAACCU	18945
1456	O	3638	UCUCCCUG GCCGAAAGGCGAGUGAGGUCU CUGAGUGG	18946
1469	GAGAUUCA G CAUCACUC	3639	GAGUGAUG GCCGAAAGGCGAGUGAGGUCU UGAAUCUC	18947
1480	UCACUCCU G CGGCGCCU	3640	AGGCGCCG GCCGAAAGGCGAGUGAGGUCU AGGAGUGA	18948
1483	CUCCUGCG G CGCCUICA	3641	UGAAGGCG GCCGAAAGGCGAGGGCCU CGCAGGAG	18949
1485	σļ	3642	UAUGAAGG GCCGAAAGGCGAGUGAGGUCU GCCGCAGG	18950
1503	0	3643	UCUCCAAG GCCGAAAGGCGAGUGAGGUCU UUUAGUGU	18951
1522	ס	3644	CACUGUCA GCCGAAAGGCGAGUGAGGUCU CUCUCCAU	18952
1328	0	3645		18953
1030	ر ا ق	3646	GUGGUUCA GCCGAAAGGCGAGUGAGGUCU AGUCCACU	18954
1545	GAACCACG G UCAGGGAU	3647		18955
1564	٥	3648	GUAGUAUG GCCGAAAGGCGAGUGAGGUCU AUUGGUGU	18956
1573	٥	3649	AGUCAUCA GCCGAAAGGCGAGUGAGGUCU GUAGUAUG	18957
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1610		3653	ACCACUCA GCCGAAAGGCGAGUGAGGUCU GAUGGACC	18961
1614	ڻ	3654	AUGAACCA GCCGAAAGGCGAGUGAGGUCU UCACGAUG	18962
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1643	O	3656	CAGCACUG GCCGAAAGGCGAGUGAGGUCU UCCAAGGG	18964
1646	UUGGAGCA G UGCUGGAA	3657	UUCCAGCA GCCGAAAGGCGAGUGAGGUCU UGCUCCAA	18965

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UGCUGGAA G UACUGUGU	3659	ACACAGUA GCCGAAAGGCGAAGUGAGGUCU UUCCAGCA	18967
GAAGUACU G UGUGGAGG	3660	CCUCCACA GCCGAAAGGCGAGUGAGGUCU AGUACUUC	18968
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	3663	UCCUCAAA GCCGAAAGGCGAGUGAGGUCU UCCAUUAA	18971
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	3665	ACAGACUG GCCGAAAGGCGAGUGAGGUCU UUCGUGGC	18973
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o	3669	CUUGUGAG GCCGAAAGGCGAGUGAGGUCU CCAAUGCU	18977
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œ۱	3673	GGCUCCAG GCCGAAAGGCGAGUGAGGUCU CAAAGCUU	18981
ט	3674	AGGAAUGG GCCGAAAGGCGAGUGAGGUCU UCCAGCCA	18982
O	3675	AAAUUCCA GCCGAAAGGCGAGUGAGGUCU AGGAAUGG	18983
	3676	CAGUGUUG GCCGAAAGGCGAGUGAGGUCU UUGAAAAU	18984
	3677		18985
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0	3680		18988
	3681	ACUCUACA GCCGAAAGGCGAGGUGAGGUCU UUCAAAUG	18989
	3682		18990
٥l	3683	CAUCUUCA GCCGAAAGGCGAGUGAGGUCU UCUACACU	18991
GAAAAUU G CAGUUGAA	3684	UUCAACUG GCCGAAAGGCGAGGUGU AAUUUUUC	18992
이	3685	CCCUUCAA GCCGAAAGGCGAGUGAGGUCU UGCAAUUU	18993
	3686	AACAGACG GCCGAAAGGCGAGUGAGGUCU CAUAGGUU	18994
	3687	UGAACAGA GCCGAAAGGCGAGUGAGGUCU GCCAUAGG	18995
O	3688	CCUUUGAA GCCGAAAGGCGAGUGAGGUCU AGACGCCA	18996
	3689	CUUGAAAG GCCGAAAGGCGAGUGAGGUCU CUUUGAAC	18997
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O	3692	UGCCGUGA GCCGAAAGGCGAGUGAGGUCU CUGUGUCU	19000
AGGUCACO G CACUGUGO	3693	CCACAGUG GCCGAAAGGCGAGUGAGGUCU CGUGACCU	19001
ACGGCACU G UGGUGUUG	3694	CAACACCA GCCGAAAGGCGAGUGAGGUCU AGUGCCGU	19002
gcacueue e uenuegaa	3692	UUCCAACA GCCGAAAGGCGAGUGAGGUCU CACAGUGC	19003
ACUGUGGU G UUGGAAUU	3696	AAUUCCAA GCCGAAAGGCGAGUGAGGUCU ACCACAGU	19004
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1950	GAAUUGCA G UACACIIGG	3698	The state of the s	
1958		3690	CANDONIA SECURANAGE CANDICAGE OCO DECANDO	19006
1973	0	2022	CAUCUGUG GCUGAAAGGCGAGGUCU CAGUGUAC	19007
1070	9 c	3700	GAACUUUG GCCGAAAGGCGAGUGAGGUCU AAGGUCCA	19008
13/0	9	3701	GAUAGGAA GCCGAAAGGCGAGUGAGGUCU UUUGCAAG	19009
7,283	CCUAUCUC G UCAGUGGC	3702	GCCACUGA GCCGAAAGGCGAGUGAGGUCU GAGAUAGG	19010
1333	UCUCGUCA G UGGCUUCA	3703	UGAAGCCA GCCGAAAGGCGAGUGAGGUCU UGACGAGA	19011
1996	미	3704	CAAUGAAG GCCGAAAGGCGAGUGAGGUCU CACUGACG	19012
2016		3705	CCCACUGG GCCGAAAGGCGAGUGAGGUCU GUUAGGUC	19013
2020	0	3706	UCUGCCCA GCCGAAAGGCGAGGUCU UGGCGUUA	19014
2024	GCCAGUGG G CAGAUUGG	3707	CCAAUCUG GCCGAAAGGCGAGUGAGGUCU CCACUGGC	19015
2032	GCAGAUUG G UCACUGUC	3708		19016
2038	UGGUCACU G UCAACCCU	3709	AGGGUUGA GCCGAAAGGCGAGUGAGGUCU AGUGACCA	19017
2050	ACCCUUUU G UUUCAGUG	3710	CACUGAAA GCCGAAAGGCGAGUGAGGUCU AAAAGGGU	19018
2056	UUGUUUCA G UGGCCACG	3711		19019
2059	UUUCAGUG O CCACGGCC	3712	GGCCGUGG GCCGAAAGGCGAGUGAGGUCU CACIICAAA	19020
2065	UGGCCACG G CCAACGCU	3713		10021
2071	CGGCCAAC G CUAAGGUC	3714		19022
2077	ACGCUAAG G UCCUGAUU	3715		1000
2119	CAUACAUA G UGGUGGGC	3716	GCCCACCA GCCGAAAGGCGAGIIGAGGIICII IIAIIGIIAIIG	19024
2122	ACAUAGUG G UGGGCAGA	3717		19025
2126	AGUGGUGG G CAGAGGAG	3718		19026
2157		3719	GACTUGUG GCCGAAAGGCGAGUGAGGUCU CAAUGGUG	19027
2163	٥	3720	CUUCCAGA GCCGAAAGGCGAGUGAGGUCU UUGUGCCA	19028
2171	GUCUGGAA G CAGCAUUG	3721	CAAUGCUG GCCGAAAGGCGAGUGAGGUCU UUCCAGAC	19029
2174	UGGAAGCA G CAUUGGCA	3722	UGCCAAUG GCCGAAAGGCGAGUGAGGUCU UGCUUCCA	19030
2180	CAGCAUUG G CAAAGCCU	3723	AGGCUUUG GCCGAAAGGCGAGUGAGGUCU CAAUGCUG	19031
2185	ø١	3724	UGUAAAGG GCCGAAAGGCGAGUGAGGUCU UUUGCCAA	19032
2209	וט	3725	UCUCUGOG GCCGAAAGGCGAGUGAGGUCU UCCUUUGA	19033
7777	ט	3726	AGUCUCUG GCCGARAGGCGAGUGAGGUCU GCUCCUUU	19034
1777	١٥	3727		19035
2224	٥	3728	UCCUAGAG GCCGAAAGGCGAGUGAGGUCU GGCUAGUC	19036
2239	ס	3729	GUCCCAAG GCCGAAAGGCGAGUGAGGUCU UGUGUCUC	19037
2257		3730	CCCUCCAA GCCGAAAGGCGAGUGAGGUCU UGAUCCAA	19038
2266	UVGGAGGG G UGUUCACC	3731	GGUGAACA GCCGAAAGGCGAGUGAGGUCU CCCUCCAA	19039
2268	GGAGGGGU G UUCACCUC	3732	GAGGUGAA GCCGAAAGGCGAGUGAGGUCU ACCCCUCC	19040
2278	UCACCUCA G UUGGGAAG	3733	CUUCCCAA GCCGAAAGGCGAGUGAGGUCU UGAGGUGA	19041
2287	UUGGGAAG G CUGUCCAU	3734	AUGGACAG GCCGAAAGGCGAGUGAGGUCU CUUCCCAA	19042
2290		3735		19043
2299	미	3736		19044
2301	CAUCAAGU G UUCGGAGG	3737	CCUCCGAA GCCGAAGGCGAGUGAGGUCU ACUUGAUG	19045

2311	UCGGAGGA G CAUUCCGC	3738	GCGGAAUG GCCGAAAGGCGAAGUGACGUCTI UCTTCGC	2,001
2318		3739		19046
2325	CGCUCACU G UUCGGAGG	3740	CCICCAA GOCAAAGGCAACACAAAA AGICAAAAAAAAAAAAAAAAAAA	13047
2333	GUUCGGAG G CAUGUCCU	3741		13048
2337	ט	3742	Alforda de	19049
2349	UGGAUAAC G CAAGGAIIII	27/3	ANTICOTATO COCCERAGE CERCENCE ANGUETIC	19050
2358	ď	3744	GCCGAAAGGCGAGUGAGGUCU	19051
2365	וופרוופנים מישטומים	3/44		19052
23.73	פריטייסיים לי בפריטייסיים	3/45	CAGGAGAG GCCGAAGGCGAGUGAGGUCU CCCCAGCA	19053
227.5	GLOCOCCO & DOGUGGAO	3746	AUCCACAA GCCGAAGGCGAGUGAGGUCU AGGAGAGC	19054
0/2/	9	3747	CCCAUCCA GCCGAAAGGCGAGUGAGGUCU AACAGGAG	19055
2384	0	3748	CAUUGAUG GCCGAAAGGCGAGUGAGGUCU CCAUCCAC	19056
2392	٥	3749	AUCACGAG GCCGAAAGGCGAGUGAGGUCU AUUGAUGC	19057
2396	CAAUGCUC G UGAUAGGU	3750	ACCUAUCA GCCGAAAGGCGAGUGAGGUCU GAGCAIIIG	19058
2403		3751		19059
2410	GGUCCAUA G CUCUCACG	3752	,	19060
2418	GCUCUCAC G UUUCUCGC	3753	GCGAGAAA GCCGAAAAGCCGACIIGAAGIICII CIIGAAAA	2000
2425	CGUUUCUC G CAGUUGGA	3754	UCCAACUG GCCGAAAGGCGAGTGAGGCTCTT GAGAAAGC	19061
2428	UUCUCGCA G UUGGAGGA	3755	פייייייייייייייייייייייייייייייייייייי	79061
2437		37.33		19063
2442	CONCERNIA & SECURIOR	3/30	GCCGAAAGGCGAGUGAGGUCU	19064
2455		3757		19065
2433		3758	CACGUUCA GCCGAAAGGCGAGUGAGGUCU GGAGAGGA	19066
2461	0	3759	AGCGUGCA GCCGAAAGGCGAGUGAGGUCU GUUCACGG	19067
2463	ט	3760	UCAGCGUG GCCGAAAGGCGAGUGAGGUCU ACGUUCAC	19068
7467	ACGUGCAC G CUGACACU	3761	AGUGUCAG GCCGAAAGGCGAGGGGCUCU GUGCACGU	19069
2478		3762	AUGGCACA GCCGAAAGGCGAGUGAGGUCU CCAGUGUC	19070
2480	0	3763		19071
2482	σļ	3764	GUCUAUGG GCCGAAAGGCGAGUGAGGUCU ACACCCAG	19072
2495	ס	3765	CUUGCCGG GCCGAAAGGCGAGUGAGGUCU UGAUGUCU	19073
2433	ا ن	3766	AGCUCUUG GCCGAAAGGCGAGUGAGGUCU CGGCUGAU	19074
2505	CGGCAAGA G CUGAGAUG	3767		19075
2513		3768	CACTUTICA GCCGAAGGCGAGGGGCT AUCUCAGC	19076
4219		3769	ACACUCCA GCCGAAAGGCGAGUGAGGUCU UUCCACAU	19077
2524	GAAGUGGA G UGUUCAUA	3770	UAUGAACA GCCGAAAGGCGAGUGAGGUCU UCCACUUC	19078
2526	AGUGGAGU G UUCAUACA	3771	UGUAUGAA GCCGAAAGGCGAGUGAGGUCU ACUCCACU	19079
2542	ACAAUGAU G UGGAGGCU	3772	AGCCUCCA GCCGAAAGGCGAGUGAGGUCU AUCAUUGU	19080
2548	AUGUGGAG G CUUGGAUG	3773		19081
2562	0	3774		19082
2568	O	3775	GGGUAAUA GCCGAAAGGCGAGUGAGGUCU UUGUACCG	19083
2583	ᇰ	3776	CCUUGUGG GCCGAAAGGCGAGUGAGGUCU GUUUCAGG	19084
2591	GCCACAAG G CCUAGCCA	3777	UGGCUAGG GCCGAAAGGCGAGUGAGGUCU CUUGUGGC	19085

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2596	AAGGCCUA G CCAAGAUC	3778	THE POSSESSION OF THE PROPERTY AND PROPERTY	2000
2614		3779	CUUAUGAG GCCGAAAGGCGAAGIIGAAGIICII IIIIITIITAAA	19089
2629	AGGAAGGA G UGUGCGGU	3780		19088
2631	GAAGGAGU G UGCGGUCU	3781	AGACCGCA GCCGAAAGGCGAGUGAGGUCU ACTICCTITIC	1 90 80
2633	AGGAGUGU G CGGUCUAC	3782	GUAGACCG GCCGAAAGGCGAGUGAGGUCU ACACUCCU	19090
2636	AGUGUGCG G UCUACGAU	3783	AUCGUAGA GCCGAAAGGCGAGUCA CGCACACU	19091
2647	UACGAUCA G UUUCCAGA	3784	UCUGGAAA GCCGAAAGGCGAGUGAGGUCU UGAUCGUA	19092
2661	AGACUGGA G CAUCAAAU	3785	AUTUGAUG GCCGAAAGGCGAGUGAGGUCU UCCAGUCU	19093
2670	פ	3786	GCUUCCCA GCCGAAAGGCGAGGUCU AUUUGAUG	19094
2677.	٥	3787	CUUCACUG GCCGAAAGGCGAGUGAGGUCU UUCCCACA	19095
2680	ט	3788	GUCCUUCA GCCGAAAGGCGAGUGAGGUCU UGCUUCCC	19096
2691	미	3789	GUGUUCAG GCCGAAAGGCGAGUGAGGUCU UCGUCCUU	19097
2717	GGAGAAUG G UGUGGACC	3790	GGUCCACA GCCGAAAGGCGAGUGAGGUCU CAUUCUCC	19098
2719		3791		19099
6/49		3792	GCCGAAAGGCGAGUGAGGUCU	19100
2/31	ACCOUAGO G OCGUGGOO	3793	AACCACGA GCCGAAAGGCGAGUGAGGUCU ACUAAGGU	19161
2734	UVAGUGUC G UGGUUGAG	3794		19102
2737	GUGUCGUG G UUGAGAAA	3795		19103
2757	פ	3796	GACTUGUA GCCGAAAGGCGAGUGAGGUCU AUUCCCUC	19104
2763	0	3797	GOUGCUGA GCCGAAGGCGAGUGAGGUCU UUGUACAU	19105
2767	٥	3798	UUVAGGUG GCCGAAAAGCGGAGUGAGGUCU UGACUUGU	19106
2777	ט	3799		19107
2010	ی ا د	3800	GCCGAAAGGCGAGUGAGGUCU	19108
7870	GGAAGOG G CUGGAAGO	3801	CCUUCCAG GCCGAAAGGCGAGGGCCU CAAUUUCC	19109
202	ა]	3802	UCCCCAGG GCCGAAAGGCGAGUGAGGUCU CUUCCAGC	19110
2831	ა	3803	AUAAAAUA GCCGAAAGGCGAGUGAGGUCU UCUUUCCC	19111
2842	ان	3804	UUCUGGUG GCCGAAAGGCGAGUGAGGUCU AAAUAAAA	19112
2000	CAGAACUC G CCAACAAC	3805	GUUGUUGG GCCGAAAGGCGAGUGAGGUCU GAGUUCUG	19113
2002	ACACCOOD & UGGUOGAU	3806		19114
2000	CCOORDER & DOGANGED	3807	ACCAUCAA GCCGAAAGGCGAGUGAGGUCU CACAAAGG	19115
6/87	GGUUGAUG G UCCGGAGA	3808	UCUCCGGA GCCGAAAGGCGAGUGAGGUCU CAUCAACC	19116
1697	0	3809	GAGUCGGA GCCGAAAGGCGAGUGAGGUCU AUUCCUUG	19117
4912	o	3810	UCCAAGCG GCCGAAAGGCGAGUGAGGUCU GAUUCUGA	19118
2914	ا ت	3811	AUUCCAAG GCCGAAAGGCGAGUGAGGUCU GCGAUUCU	19119
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2932	GCUUAGAA G UGGAGGAU	3813	AUCCUCCA GCCGAAAGGCGAGUGAGGUCU UUCUAAGC	19121
2951	٥	3814	UGGUGAGA GCCGAAAGGCGAGUGAGGUCU CAAAUCCA	19122
2960	ان	3815	UCCGAGUG GCCGAAAGGCGAGUGAGGUCU UGGUGAGA	19123
2970	ס	3816	UUCAGGAA GCCGAAAGGCGAGUGAGGUCU AUCCGAGU	19124
2980	UCCUGAAG G UCAGAGAG	3817	CUCUCUGA GCCGAAAGGCGAGUGAGGUCU CUUCAGGA	19125

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AACUGAAU	AACUGAAU G UGACUCGA	3819	Medicula GCCCARAGGCGAGGCCC UCUCUCUG	19126
UUGGAACG	9 CUGUCAAG	3820	CUITANCIA COCCURATE COCCURATION OF THE CONTRACTOR CONTRACTOR COCCURATION CONTRACTOR CONT	19127
GAACGGCU	O	3821	CINCIND CCCARAGECGAGGCGCCAA	19128
ACAACUUG	O	3822	Gliggaling Googh by Good Contain Contain	19129
GAUCCACA	O	3823	ACAGGUCA GCCGAAAGGCGAAGIIGAAGIICAI IIGIICAIIC	19130
AGUGACCU	O	3824		19131
GAUUGAAA	0	3825	UGAGCCUG GCCGAAAGGCGAGUGAGGUCU UUUCAAUC	19133
AAMAGCAG	G CUCAAUGA	3826	UCAUUGAG GCCGAAAGGCGAGUGAGGUCU CUGCUUUC	19134
ם אינטטוטטע		3827	AGCUUCCA GCCGAAAGGCGAGUGAGGUCU GUAUCAUU	19135
THICABAGO O		3828	CUUUCAAG GCCGAAAGGCGAGUGAGGUCU UUCCACGU	19136
AAAGGGC		3829	CAGAACUG GCCGAAAGGCGAGUGAGGUCU CCUUUCAA	19137
AGITTOTICO	AGIIICIIGA G 11GAAGIICA	3830	GCCGAAAGGCGAGUGAGGUCU	19138
UGGGUGAA	G HCAPAITCA	3033	UGACUUCA GCCGAAAGGCGAGUGAGGUCU CCAGAACU	19139
CAAAUCAU	G HACGINGO	3832	UGAUUUGA GCCGAAAGGCGAGUGAGGUCU UUCACCCA	19140
UCAUGUAC		3033	GCCACGUA GCCGAAAGGCGAGUGAGGUCU AUGAUUUG	19141
UGITACGITG		2034	UCAGGCCA GCCGAAAGGCGAGUGAGGUCU GUACAUGA	19142
CCTIGAGAC G) c	3835	GUCUCAGO GCCGAAAGGCGAGUGAGGUCU CACGUACA	19143
CAUACCUU	0	3030	AAGGUAUG GCCGAAAGGCGAGUGAGGUCU GUCUCAGG	19144
CUUGUGGG G	ס	3838	THICKNING COCCAMBERCAGE COLOR	19145
ссиивава		3839	UCAAGUCA GCCGAAAGGCGAGIGAGGIGTT TOTICA AG	19146
UAAUACCA G	A G UCACACUG	3840		19147
UCACACUG G	0	3841	UGGUCCCG GCCGAAAGGCGAGUGAGGICTI CAGTGTGA	07767
ACCACGAA	ч в слапсаса	3842	UGUGAUUG GCCGAAAGGCGAGUGAGGUCU UUCGUGGU	19150
AGACCUGG	ر ا ق	3843	GUCUUGUA GCCGAAAGGCGAGUGAGGUCU CCAGGUCU	19151
AAACCAGG G	G CCCAUGGG	3844	CCCAUGGG GCCGAAAGGCGAGUGAGGUCU CCUGGUUU	19152
A NOOCOAR	BACCCCC CITICS CITE	3845	CUACCCGG GCCGAAAGGCGAGGGGGGCC CUUCGUCC	19153
CGATHIACTI	G CCCACAN	3846	AAUCUCUA GCCGAAGGCGAGUGAGGUCU CCGGCCUU	19154
CATTORNO	G CCCAGGAA	3847	UUCCUGGG GCCGAAAGGCGAGUGAGGUCU AGUAAUCG	19155
SACOACG	e ocaccous	3848	CAGGGUGA GCCGAAAGGCGAGUGAGGUCU CGUAGUUC	19156
CACCCOGA	9	3849	GCCGAAAGGCGAGUGAGGUCU	19157
GAGUGAGA	G CUGCGGAC	3850	GUCCGCAG GCCGAAAGGCGAGUGAGGUCU UCUCACUC	19158
UGAGAGCO G	G CGGACACC	3851	GGUGUCCG GCCGAAAGGCGAGUGAGGUCU AGCUCIICA	19150
CGGACACC	ଠା	3852	CAGGUCCA GCCGAAAGGCGAGUGAGGUCTI GGITGITCTG	10160
GUGGACCU	٥	3853	GCGAGUGG GCCGAAAGGCGAGUGAGGIICII AGGIICIA	19161
UGCCACUC	O	3854		10161
CACAGAGA	G CGGRAAGU	3855		19163
AGCGGAAA		3856	GUUAUCAA GCCGAAAGGCGAGUGAGGUCU UUUCCGCU	19164
ACAGAUUG G	g UGCUGCAG	3857	CUGCAGCA GCCGAAAGGCGAGUGAGGUCU CAAUCUGU	19165

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19166	19161	19168	19169	19170	19171	19172	19173	19174	19175	19176	19177	19178	19179	19180	19161	19182	19183	19184	19185	19186	19187	19188	19189	19190	19191	19192	19193	19194	19195	19196	19197	19198	19199	19200	19201	19202	19203	19204	19205
	AGCUCCUG GCCGAAAGGCGAGUGAGGUCU AGCACCAA	AGGUGCAG GCCGAAAGGCGAGUGAGGUCU UCCUGCAG	GUAAGGUG GCCGAAAGGCGAGUGAGGUCU AGCUCCUG	UGGUAGCG GCCGAAAGGCGAGUGAGGUCU AGUGGUGG	UUUGGUAG GCCGAAAGGCGAGUGAGGUCU GCAGUGGU	AACAGCCG GCCGAAAGGCGAGUGAGGUCU UGUCAGUU	ACCAACAG GCCGAAAGGCGAGUGAGGUCU CGCUGUCA	CAUACCAA GCCGAAAGGCGAGUGAGGUCU AGCCGCUG	AUACCAUA GCCGAAAGGCGAGUGAGGUCU CAACAGCC	UCUCCAUA GCCGAAAGGCGAGUGAGGUCU CAUACCAA	UGACUGCA GCCGAAAGGCGAGUGAGGUCU GAGGGUCU	UGUGACUG GCCGAAAGGCGAGUGAGGUCU ACGAGGGU		AGCAUUCA GCCGAAAGGCGAGUGAGGUCU UUGUGACU	AUUAUAAG GCCGAAAGGCGAGUGAGGUCU AUUCACUU		AGGCCCAA GCCGAAAGGCGAGUGAGGUCU UGAAAAGG		GAACACGA GCCGAAAGGCGAGUGAGGUCU CAGAAGGC	CAAGAACA GCCGAAAGGCGAGUGAGGUCU GACCAGAA	GCCAAGAA GCCGAAAGGCGAGUGAGGUCU ACGACCAG	CUGGGUGG GCCGAAAGGCGAGUGAGGUCU CAAGAACA			GCUGUCCA GCCGAAAGGCGAGUGAGGUCU CUCUUGCG	GAUCUUGG GCCGAAAGGCGAGUGAGGUCU UGUCCACC		AUAGCUGG GCCGAAAGGCGAGUGAGGUCU AUGCUGAU	CAGUAUAG GCCGAAAGGCGAGUGAGGUCU UGGCAUGC	UAGCAGAG GCCGAAAGGCGAGUGAGGUCU AAUCAGUA	AGGACUAG GCCGAAAGGCGAGUGAGGUCU AGAGCAAU	CACCAGGA GCCGAAAGGCGAGGGGGUCU UAGCAGAG	CCCAAACA GCCGAAAGGCGAGUGAGGUCU CAGGACUA	CCCCCAAA GCCGAAAGGCGAGUGAGGUCU ACCAGGAC	AAGUAAUG GCCGAAAGGCGAGUGAGGUCU CCCCAAAC	GCGUAACA GCCGAAAGGCGAGUGAGGUCU AUCAGUGU	UAGCGUAA GCCGAAAGGCGAGUGAGGUCU ACAUCAGU	UGACAUAG GCCGAAAGGCGAGUGAGGUCU GUAACACA	CAAGAUGA GCCGAAGGCGAGUGAGGUCU AUAGCGUA
3858	3859	3860	3861	3862	3863	3864	3865	3866	3867	3868	3869	3870	3871	3872	3873	3874	3875	3876	3877	3878	3879	3880	3881	3882	3883	3884	3885	3886	3887	3888	3889	3890	3891	3892	3893	3894	3895	3896	3897
AGAUUGGU G CUGCAGGA		ט	0	0	0	0		0	ט	UUGGUAUG G UAUGGAGA	ט	ACCCUCGU G CAGUCACA	CUCGUGCA G UCACAAGU	AGUCACAA G UGAAUGCU	ט		cconnoca a magacan	UCAGUUGG G CCUUCUGG	0	O	0	ивиистив в сслесслв	CCCAGGAG G UCCUUCGC	GOUCCUUC G CAAGAGGU		<u>ا</u> ق	ت ت		ט	0	ט	0	ט	0	0	O	0	0	UACGCUAU G UCAUCUUG
3404	27.13	3413	3416	3432	3434	3449	3452	3455	3459	3464	3505	3507	3510	3517	3523	3532	3555	3560	3568	3571	3573	3580	3592	3599	3606	3613	3623	3627	3631	3643	3648	3652	3658	3660	3668	3685	3687	3692	3697

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3712	\downarrow	3898	UGCCCCCA GCCGAAAGGCGAGUGAGGUCU CAAGAUGA	19206
3715	D SOCIETY OF A CONTROL OF A CON	3899	GAAAGCUG GCCGAAAGGCGAGUGAGGUCU CCCCACCA	19207
3721	O CHURTON	3900	UGCGAAAG GCCGAAAGGCGAGUGAGGUCU UGCCCCCA	19208
3745	GAGGAGAC G	3901	AGAUUCUG GCCGAAAGGCGAGUGAGGUCU GAAAGCUG	19209
3748	GAGACGITG	3902	GUGUACCA GCCGAAAGGCGAGUGAGGUCU GUCUCCUC	19210
3757	UACACITIC	3903	CAAGUGUA GCCGAAAGGCGAGUGAGGUCU CACGUCUC	19211
3759	CACTINGEC G	3304	CAUGAGCG GCCGAAAGGCGAGUGAGGUCU CAAGUGUA	19212
3766	CGCUCAIIG	3805	GCCAUGAG GCCGAAAGGCGAGUGU GCCAAGUG	19213
3787	UACAACCA	3906	GAAGGUCG GCCGAAAGGCGAGUGAGGUCU CAUGAGCG	19214
3789	CAACCAGII G	3000	CAUAAACA GCCGAAAGGCGAGUGAGGUCU UGGUUGUA	19215
3796	UGUTUATIG	3908	ACCAUAAA GCCGAAAGGCGAGUGAGGUCU ACUGGUUG	19216
3799	UNAUGGUG G	2010	CAUGCCA GCCGAAAGGCGAGUGAGGUCU CAUAAACA	19217
3804	GUGGCAUC G	3911	GCCGAAAGGCGAGUGAGGUCU CACCAUAA	19218
3814	UUCUCAAA G	1111	GCCGAAGGCGAGUGAGGUCU GAUGCCAC	19219
3843	AACAUUTU G	3012	CCAUCUCG GCCGAAAGGCGAGUGAGGUCU UUUGAGAA	19220
3849	UUGUUGAU G	3914	AACAUCAA GCCGAAAGGCGAGUGAGGUCU AAAAUGUU	19221
3853	UGALIGHTIG G	2012	-	19222
3856	UGUTUGACIA	3915	-	19223
3859	נומפטיפים ו	32.40	GARACAG GCCGAAAGGCGAGUGAGGUCU CGCCAACA	19224
3874	UUCAAAUG G	3917	AAAGAAAA GCCGAAAGGCGAGUGAGGUCU AGCCGCCA	19225
3886	AUCACGAU G	2010	GUGADAAG GCCGAAAGGCGAGUGAGGUCU CAUUUGAA	19226
3890	CGAUGCCC G	3020	DUGGCEGG GCCGAAAGGCGAGUGAGGUCU AUCGUGAU	19227
3900	CAAAUUCU G	3921		19228
3919	UCCCUGAU G	3022		19229
3921	CCUGAUGU G	3923		19230
3934	AUUCACUG	3027		19231
3937	CACUGGCG G	3025		19232
3940	UGGCGGUA G	3000	GCCGAAAGGCGAGUGAGGUCU CGCCAGUG	19233
3958	UACUGAGA G	3927		19234
3985	CAUCAAAC G	3928	UCUCAGUA	19235
3988	CAAACGUG	2020	GUUUGAUG	19236
3991	ACGUGGUU	3030		19237
3996		3931	GCCGAAAGGCGAGUGAGGUCU AACCACGU	19238
3999	GUUCCGCU G CUAGCCCTI	3032		19239
4003	CGCUGCUA G CCCUGCUA	3633		19240
4008	O	3934		19241
4020	ACACCCGG G CUGAGATIC	2025	AGGCUAG	19242
4028	o	3936		19243
4042	AUCUGGAU G UGUACAGG	3937		19244
			CCOGUACA GCCGAAGGCGAGGGCCU AUCCAGAU	19245

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4044	CUGGAUGH G HACAGGAH	2030		
4056	AGGADACU G CHEMICAN	3938	AUCCUGUA GCCGAAAGGCGAGUGAGGUCU ACAUCCAG	19246
4059	le le	2525		19247
4066	0	3940		19248
4076		3941	UAUUCCGA GCCGAAAGGCGAGUGAGGUCU CAUCAACA	19249
4079	9 0	3942		19250
4100	0	3943		19251
4102	9 c	3944		19252
4105	ם כ	3945	UGCAGCUG GCCGAAAGGCGAGUGAGGUCU ACUCCUCU	19253
410B	2 0	3946	UUUUGCAG GCCGAAAGGCGAGUGAGGUCU UGCACUCC	19254
4123	» c	3947	CUUUUUUG GCCGAAAGGCGAGUGAGGUCU AGCUGCAC	19255
4127	5 0	3948	CAGACUUG GCCGAAAGGCGAGUGAGGUCU UCCUUUCU	19256
4121	9 c	3949	AUAGCAGA GCCGAAAGGCGAGUGAGGUCU UUGCUCCU	19257
4131	0	3950	AAGCAUAG GCCGAAAGGCGAGUGAGGUCU AGACTITIGC	19258
4136	٥l	3951		19259
4141	o	3952	GGCUAGAG GCCGAAAGGCGAGUGAGGUCTI CAAGCAITA	10260
4147	UGGCUCUA G CCUCAACA	3953	UGUUGAGG GCCGAAAGGCGAAGGTGACATICTI IIAGAGCGA	19261
4180	UGAUCCUU G CUGCUGGA	3954	UCCAGCAG GCCGAAAGGCGAAGGCGAGGCGAAGGCCA	19761
4183	UCCUUGCU G CUGGACUG	3955	שייים היים מיים מיים מיים מיים ומיים מיים ומיים מיים	79767
4195	GACUGAUU G CAUGUGAU	3956	AICACATO GOCCANAGOCCAGOCCO AGCAAGGA	19263
4199	GAUUGCAU G UGAIICCCA	3057	GCCGAAAGCCGAGGCCU	19264
4211	0	3958		19265
4217	CCGUAAAC G CGGAUGGC	3950	GCCGAAGGCGAGGCC	19266
4224	CGCGGAUG G CCCCCAAAC	2000	GCCGAAAGGCGAGUGAGGUCU	19267
4228	GAUGGCCC G CAACTICAA	3963		19268
4237	CAACTIGAA G HAATTAACA	3367	GCCGAAAGGCGAGUGAGGUCU	19269
4246		3962	UGUCAUCA GCCGAAAGGCGAGUGAGGUCU UUCAGUUG	19270
4249	0	3363	GCCGACAG GCCGAAGGCGAGUCAGGUCU UGUCAUCA	19271
4253	2 0	3964		19272
4260	0 0	.3365	ACAUDAGG GCCGAAAGGCGAGUGAGGUCU CGACAGCU	19273
4264	0	3306	AUGGCAAA GCCGAAAGGCGAGUGAGGUCU AUUAGGCC	19274
4270	d	3307	GACGAUGG GCCGAAAGGCGAGUGAGGUCU AAACAUUA	19275
4278		3208	CCCUCCGA GCCGAAAGGCGAGUGAGGUCU GAUGGCAA	19276
4282	2 0	3969	UCUGCCAG GCCGAAAGGCGAGUGAGGUCU CCUCCGAC	19277
7202		3970	AAGCUCUG GCCGAAAGGCGAGUGAGGUCU CAGCCCUC	19278
1200	• e	3971	AUGUCAAG GCCGAAAGGCGAGGUGAGGUCU UCUGCCAG	19279
9000	ا ن	3972	UGGAAUGG GCCGAAAGGCGAGUGAGGUCU CAUGGAGII	19280
4324	ဗ	3973		10201
4329	0	3974		10201
4335	GGGCUCAU G UUUGCUGC	3975		79707
4339	UCAUGUUU G CUGCUUUC	3976	GAAAGCAG GCCGAAAGGCGAGTGACGTCT AAAAGCCC	19283
4342	ugunuacu a cunucaua	3977		19284
			STORY OF CONTRACTOR OF CONTRACTOR	19285

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4348	CUGCITIBLE & HEATTHING	3070		
4374	7 0	3978	AGAAAUCA GCCGAAAGGCGAGUGAGGUCU GAAAGCAG	19286
4390	י פ	3000	UCAAUCCA GCCGAAAGGCGAGUGAGGUCU AUAUCUGU	19287
4409	0	3960		19288
4414	0	3000	COGCAUCA GCCGAAAGGCGAAGGCGCT UUUCCCAG	19289
4427		3302	ЧССВАААGGCGAGUGAGGUCU	19290
4433	d	2003	CACUCGAG GCCGAAAGGCGAGGGCCU CUGUAAUU	19291
4447		3384	CUCUDUCG GCCGAAAGGCGAGUGAGGUCU UCGAGCCU	19292
4447	9 0	3985	CACAUCAA GCCGAAGGCGAGUGAGGUCU UCUUUCGC	19293
7440	> c	3986	AAGCCGCA GCCGAAAGGCGAGUGAGGUCU AUCAACUC	19294
	ا و	3987	UCAAGCCG GCCGAAAGGCGAGUGAGGUCU ACAUCAAC	19295
4452		3988	UCAUCAAG GCCGAAAGGCGAGUGAGGUCU CGCACAUC	19296
4476	AACUUCCA G CUCAUGAA	3989	UUCAUGAG GCCGAAAGGCGAGUGAGGUCU UGGAAGIII	19297
4495	AUCCAGGA G CACCUUGG	3990	CCAAGGUG GCCGAAAGGCGAGUGAGGUCU UCCHGGAH	19298
4515		3991		10200
4525	UCAGAAUG G UCUGUCUC	3992		10300
4529	AAUGGUCU G UCUCGCGA	3993	UCGCGAGA GCCGAAAGGCGAGTIGTA AGACCATITA	10201
4534	UCUGUCUC G CGAUUAGU	3994	GCCGAAAGGCGAGUGAGGTTCTT	19307
4541	CGCGAUUA G UGCGUACA	3995	UGUACGCA GCCGABAGGCGAGTTGAGGTTTT TIATTGGG	3000
4543	CGAUUAGU G CGUACACC	3996		19303
4545	AUDAGUGC G UACACCCC	3997		19304
4558	CCCCCUGG G CAAUCUUG	3998	GCCCAAGGCCAGGCCAGGCC	19305
4566	GCAAUCUU G CCCUCAGU	3999		19306
4573	UGCCCUCA G UAGUUGGA	4000	TOTAL OCCUPANCION STORY	19307
4576		2007		19308
4616	GAGAGGAG G CONTRIBUTE	100%	GCCGAAAGGCGAGUGAGGUCU	19309
4618	þ	4,002	GCCGAAAGGCGAGUGAGGUCU	19310
7626		4003	CCACAACA GCCGAAAGGCGAGUGAGGUCU GCCUCCUC	19311
4623	GOODING CONTRACTOR	4004	UCCCACAA GCCGAAAGGCGAGUGAGGUCU ACGCCUCC	19312
4647	Consultation of Consultation	4005	GUGUCCCA GCCGAAAGGCGAGUGAGGUCU AACACGCC	19313
4673	CONTROL & CALAMANA	4006	UUUUUGUA GCCGAAAGGCGAGUGAGGUCU UCCUUUGG	19314
4675		4007	UGUAGACG GCCGAAAGGCGAGUGAGGUCU CGGUGGUC	19315
2000	⊅ 0	4008	CCUGUAGA GCCGAAAGGCGAGUGAGGUCU GCCGGUGG	19316
* 600	9	4009	GCAGCCCA GCCGAAAGGCGAGUGAGGUCU GAGUCAUG	19317
2604	0	4010	CCGAGCAG GCCGAAAGGCGAGUGAGGUCU CCACGAGU	19318
10/\$	cedegect a cucegerae	4011	CUGCCGAG GCCGAAAGGCGAGUGAGGUCU AGCCCACG	19319
4706	0	4012	GAUAACUG GCCGAAAGGCGAGUGU CGAGCAGC	19320
4709	GCUCGGCA G UUAUCAAG	4013		1000
4717	GUUAUCAA G CAGGAGCG	4014	GCCGAAAGGCGAGIIGAAGIICII	19321
4723	AAGCAGGA G CGGGCGUG	4015		19362
4727	AGGAGCGG G CGUGAUGG	4016	CCAUCACG GCCGAAAGGCGAGTGAGGTCTAGGTGAGGTGAGGT	19323
4729	GAGCGGGC G UGAUGGUU	4017	AACCAICA GOCCANANCOCONGIONIONIONIONIONIONIONIONIONIONIONIONIONI	19324
			COCCEDENT OCCUPATION OF THE PROPERTY OF THE PR	19325

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4735	1	4018	GCCGAAAGGCGAGUGAGGUCU CAUCACGC	19326
4744	\downarrow	4019	GCCGAAAGGCGAGUGAGGUCU CUUCAACC	19327
4761	DOGARGO G	4020	GCCGAAAGGCGAGUGAGGUCU ACCUUCAA	19328
4777	ACCCOOR G	4021		19320
7700	CAMMAGGA G	4022	+	19220
4 7 90	AAGGAGCC G	4023	+	10231
700	OUNGAUGA G	4024	GCCGAAAGGCGAGUGAGGUCU UCAUCAAA	19332
4/39	CGGAGAGG G	4025	+	10333
4802	AGAGGGCC G	4026	GCCGAAAGGCGAGIIGAAGIICTI GGCCCIICTI	5555
4820	AUACUGGG G	4027	+	19334
4823		4028	1	19335
4825	GGGGCAGU G UCAAGGAG	4029		19336
4844	UCGACUUU G UUACGGAG	4030		19337
4866	UGGAAAUU G CAGCACAA	4031		19338
4869	AAAUUGCA G CACAAGUG	4032	GCCGAAAGGCGAGGGCCU AAUUUCCA	19339
4875	CAGCACAA G UGGAACGG	4032	GCCGAAAGGCGAGUGAGGUCU UGCAAUUU	19340
4884		4034	GCCGAAAGGCGAGUGAGGUCU UUGUGCUG	19341
4894	C	700	GCCGAAAGGCGAGUGAGGUCU CCGUUCCA	19342
4896	O	4035		343
4906	O	2007	GCCGAAAGGCGAGUGAGGUCU	344
4909	UGAUUGUG G UGGAACCIT	403	UUCCACCA GCCGAAAGGCGAGUGAGGUCU AAUCAUCU 19345	345
4919	0	2000	AGGUUCCA GCCGAAAGGCGAGUGAGGUCU CACAAUCA 19346	346
4927	GCAAGAAC G IIIIAAGAAC	4039	CGUUCUUG GCCGAAAGGCGAGUGAGGUCU CAGGUUCC 19347	347
4936	UVAAGAAC G UCCAGACG	040	GUUCUUAA GCCGAAAGGCGAGUGAGGUCU GUUCUUGC 19348	348
4954	AACCAGGG G HEITICAAA	1000	CGUCUGGA GCCGAAAGGCGAGUGAGGUCU GUUCUUAA 19349	349
4956	CCAGGGGU G INICADADO	2042	UDUGAACA GCCGAAAGGCGAGUGAGGUCU CCCUGGUU 19350	350
4984	AAAUCGGG G CCGTGACT	2505	GUUUUGAA GCCGAAAGGCGAGUGAAGGUCU ACCCCUGG 19351	351
4987	UCGGGGCC G HGACHTHO	4044	AGUCACGG GCCGAAAGGCGAGUGAGGUCU CCCGAUUU 19352	352
5018	AACAUCAG G CITCACCAA	4045	CAAAGUCA GCCGAAAGGCGAGUGAGGUCU GGCCCCGA 19353	353
5029	CACCAAUA G UGGACAAA	4047	UNGGUGAG GCCGAAAGGCGAGUGAGGUCU CUGAUGUU 19354	354
5042	CAAAAACG G UGAUGUGA	4048	UCUCUCIA GCCGAAAGGCGAGUGAGGUCU UAUUGGUG	355
5047	0	4040	UCACAUCA GCCGAAAAGGCGAGUGAGGUCU CGUUUUUG 19356	356
5055	GUGAUUGG G CUUTATIEC	4050	CCCAAUCA GCCGAAAGGCGAGUGAGGUCU AUCACCGU 19357	357
5063		4057	CCAUAAAG GCCGAAAGGCGAGUGU CCAAUCAC 19358	158
5071	GCAAUGGA G UCAUAAIIG	4052	CUCLADUG GCCGAAAGGCGAGGGCCU CAUAAAGC 19359	159
5079	GUCAUAAU G CCCAACGG	4053	CACUMICA GCCGAAAGGCGAGUGAGGUCU UCCAUUGC 19360	09
5087	ט	4054	TCCCCCCCCCAAGGCGAGGGGGCCU AUUAUGAC 19361	191
5099	10	4055	USUAUGAG GCCGAAAGGCGAGUGAGGUCU CGUUGGGC 19362	62
5101	ACAUAAGC G CGAUAGIIG	4056	CARUCACE GCCGAAGGCGAGUGAGGUCU UUAUGUAU 19363	63
5107	O	4057	LACUAUCE GCCGAAGGCGAGUCU GCUUAUGU 19364	64
	1	122	ACCOUNT GUIGAAAGGUGAGGUCU UAUCGCGC 19365	65

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5109	GCGAITAGIT O CACCITOR	7050		
5114	AGIIGOAGA O ITONANGON	4058	UCACCCUG GCCGAAAGGCGAGUGAGGUCU ACUAUCGC	19366
5130	0	4003		19367
5140		090#	GGGAUUGG GCCGAAAGGCGAGUGAGGUCU UCAUCCAU	19368
21.5	5 0	4061	GAAUCCGG GCCGAAAGGCGAGUGAGGUCU UGGGAUUG	19369
2000	9 0	4062	UUCCUCAG GCCGAAAGGCGAGUGAGGUCU AUCUCAGG	19370
2010	ا ن	4063	AUCCAGUA GCCGAAAGGCGAGUGAGGUCU AGUGAUCU	19371
1026	ات	4064	UACCGGCG GCCGAAAGGCGAGUGAGGUCU CGGGAUGG	19372
5203	AUCCCGGC G CCGGUAAA	4065	UUNACCGG GCCGAAAGGCGAGUGAGGUCU GCCGGGAU	19373
5207	CGGCGCCG G UAAAACAA	4066	UUGUUUNA GCCGAAAAGGCGAGUGAGGUCU CGGCGCCC	19374
5226	AGGAUUCU G CCACAGAU	4067	AUCUGUGG GCCGAAAGGCGAGUGAGGUCU AGAAUCCII	10375
5245	O	4068	GUUUAUGG GCCGAAAGGCGAGUGAGGUCU CHCHIIIGA	10276
5269	O	4069	UAGCACGO GCCGAAAGGCGAGUGAGGICTI IIGIIITTICA	10377
5272		4070	UGCUAGCA GCCGAAAGGCGAGUGAGGUCTI GGCTTGTTTC	10270
5274	ø	4071	GGUGCUAG GCCGAAAGGCGAGUGAGGICTI ACGGCTICIT	10270
5278	CCGUGCUA G CACCAACC	4072	GGUUGGUG GCCGAAAGGCGAGUGAGGUCII IIAGCACGG	10200
5290	CAACCAGG G UUGUGGCU	4073	AGCCACAA GCCGAAAGGCGAGIIGAGGIICII CCIICCIIIIG	19390
5293		4074	GCCGAAAGGCGAGUGAGGUCU	10307
5296	GGGUUGUG G CUGCUGAG	4075	CUCAGCAG GCCGAAAGGCGAGTIGAGGTICTT CACAAACCC	10201
5299	UUGUGGCU G CUGAGAUG	4076		19394
5308	CUGAGAUG G CUGAAGCA	4077	UGCUUCAG GCCGAAAGGCGAGGTGAGGTTTT CATTOTAG	10001
5314	UGGCUGAA G CACUGAGA	4078	UCUCAGUG GCCGAAAGGCGAGTIGAGGTTCT TITTAGCCA	19393
5328	AGAGGACU G CCCAUCCG	4079	CGGAUGGG GCCGAAAGGCGAGIIGAAGIICII AGIICCII	10001
5337	CCCAUCCG G DACCAGAC	4080	GUCUGGIJA GCCGAAAGGCGAGIIGAGGTGT CONTINGO	19387
5350	AGACAUCC G CAGUGCCC	4081	GGGCACUG GCCGAAAGGCGAGGTGAGGTGT CONTOURS	19388
5353	CAUCCGCA G UGCCCAGA	4082	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	19389
5355	UCCGCAGU G CCCAGAGA	4083	ICHICHIGAG GCCGNNACCCGNGTCNCTGT & CTCGGAUG	19390
5383		4084	GACATTORA GOODS AS COORS CONTROLLED ACUGCIGGA	19391
5389	10	4085		19392
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5396	UGUCAUGU G UCAUGCUA	4087	TAGGETTER GOODEN AGOOD TO A COLOR OF THE AGOOD TO A CO	19394
5401	O	4088	GAGGGIAG GOODNAAGGCAAGGAAGGCOO ACAUGACA	19395
5418	ACCCACAG G CUGAUGUC	4089	GACATIONS COCCANANGOCONGION AUGACACA	19396
5424	AGGCUGAU G UCUCCUCA	4090	יייייייייייייייייייייייייייייייייייייי	19397
5437	CUCACAGG G UGCCGAAC	4091	GCCGN A ACCOCATION ACTION	19398
5439	CACAGGGU G CCGAACUA	4092	Theirings according and a second a second and a second an	19399
5454	O	4093	MIGNORAL GOOGLE COMMON ACCORDIG	19400
5458	O	4094	MICENIAL GCCGAAAGGCGAGGUCU AGGUUGUA	19401
5470	0	4005	ANCHAUCA GCCGAAAGGCGAGGGCCU GAACAGGU	19402
5488		5664	GARANGAG GCCGAAGGCGAGGGCCU CUCAUCCA	19403
5492	c	4000	AAGCCAAAAGGCGAGUGAGGUCU UGGGUCGG	19404
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5972	2 C	4138		19446
5974	le	1133	GGCGGCA GCCGAAAGGCGAGUGAGGUCU UAGCUGCU	19447
5977) e	7.7.5		19448
5987	0	4141	GCCGAAAGGCGAGUGAGGUCU	19449
5993		4142	GCCGAAAGGCGAGUGAGGUCU	19450
5999		4143	GCCGAAAGGCGAGUGAGGUCU	19451
6009	AGAAAUCC G UCGCAAGII	4145	GAUUUCUA GCCGAAAGGCGAGUGAGGUCU CGAUACGU	19452
6012		A146	GCCGAAAGGCGAGUGAGGUCU	19453
6016	,	4147	CLAACUUG GCCGAAGGCGAGUCGU GACGGAUU	19454
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6027	GGUGAUGA G UACUGUUA	4149	HANCACHIA GCCGARAGGCGAGUGAGGUCU CAACUUGC	19456
6032	UGAGUACU G UUAUGGGG	4150	COCCAINA OCCURATION OC	19457
6042	UAUGGGG G CACACGAA	4151	GCCC A A COCC A GO GAGGOCO	19458
6070	O	4152		19459
6085		4153	CAMPIGGE GUCGAAGGCGAGUGAGGUCU GAAGUUCG	19460
9609	CGAAUCAU G CUGGACAA	4154	THISTOCK GCCGAGGGGGGGGCC CUCAGUCC	19461
6114		2017	UDGUCCAG GCCGAAAGGCGAGUGAGGUCU AUGAUUCG	19462
6130	GACUGAUC G CIICAAIIIIC	4166	CCGUUUGG GCCGAAAGGCGAGUGAGGUCU AUGUUGAU	19463
6150	Charles a contract	0075	GAADUGAG GCCGAAAGGCGAGUGAGGUCU GAUCAGUC	19464
6152	9 0	4157	UUCUCACG GCCGAAAGGCGAGUGAGGUCU UCUGGUUG	19465
6160	שניייייייייייייייייייייייייייייייייייי	4TOR		19466
6186	GASTINGO O GIOSOS	4159		19467
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6233	TIONORUM O COCAMOCAN	4161	GUCCUCAA GCCGAAAGGCGAGUGAGGUCU AGUUCCAG	19469
6240	9 k	4162	CAGAUCUG GCCGAAAGGCGAGUGAGGUCU AGUCCUCA	19470
6244	2 c	4163	CAAACUGG GCCGAAAGGCGAGUGAGGUCU AGAUCUGC	19471
6249	י כ	4164	CAGCCAAA GCCGAAAGGCGAGUGU UGGCAGAU	19472
6253	2 0	4165	UAAGCCAG GCCGAAAGGCGAGUGAGGUCU CAAACUGG	19473
6262	CHIRCHAG G CUOACAAG	4166	CUUGUAAG GCCGAAAGGCGAGGGGCC CAGCCAAA	19474
6265) c	4797	CGCUGCAA GCCGAAAGGCGAGUGAGGUCU CUUGUAAG	19475
6268	2 6	4168	AGCCGCUG GCCGAAAGGCGAGUGAGGUCU AACCUUGU	19476
1,22	2 0	4169	UCCAGCCG GCCGAAAGGCGAGUGAGGUCU UGCAACCU	19477
6277	Sociation of Contraction	4170	GCCGAAAGGCGAGUGAGGUCU	19478
6220	CGCUGGA G UGUCAUAC	4171	GUAUGACA GCCGAAAGGCGAGUGAGGUCU UCCAGCCG	19479
6200		4172	UGGUAUGA GCCGAAAGGCGAGUGAGGUCU ACUCCAGC	19480
1000		4173	AAGCACCA GCCGAAAGGCGAGUGAGGUCII CIICCGGIIC	10401
9300	0	4174	1	10461
6302	GAGGUGGU G CUUUGAUG	4175	2000000	13482
6311	CUUUGAUG G UCCUAGGA	4176	+	19483
6349	ACAACGAA G UGGAAGUC	4177	1	19484
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6366	AUCACGAA G CHIRGHGA	4170	TO SOUTH STORY OF THE STORY OF	19486
6371	ď	7100	MONTHING GCCGAAAGGCGAGGCCU UUCGUGAU	19487
6390	AlliCigad o conscio	73.03		19488
6393	המסטונים ט טטטעפונט	7814		19489
6395	Overence o propose	4182	AUCCAGCG GCCGAAAGGCGAGUGAGGUCU GGCCUCAG	19490
2000	POPERATOR O CONTRACTO	4183	CAAUCCAG GCCGAAAGGCGAGUGAGGUCU GCGGCCUC	19491
56413	שמשמשה פ הראפשפחם	4184	CACCCUGG GCCGAAAGGCGAGUGAGGUCU GUCAAUCC	19492
277.0	ACCCCAGO G UGUACUCO	4185	CGAGUACA GCCGAAAGGCGAGUGAGGUCU CCUGGCGU	19493
47.0	GUCAGGO G DACOCGGA	4186	UCCGAGUA GCCGAAAGGCGAGUGAGGUCU ACCCUGGC	19494
0430	AUCACCAG G CACUAAAG	4187		19495
6439	0	4188	CUUGAACG GCCGAAAGGCGAGGUCU CUUIAGIIG	19496
6441	٥	4189	UCCUUGAA GCCGAAAGGCGAGUGAGGUCU GCCHIIIAG	10407
6454	AGGACUUC G CCUCGGGA	4190		19408
6467	O	4191	UCUGAGAA GCCGAAAGGCGAGUGAGGUCU AUTITICCC	19400
6480	CAGAUAGG G CUCAUUGA	4192	GCCGAAAGGCCGAGTIGAGGTTCTT	10101
6490	UCAUUGAG G UUCUGGGA	4193	GCCGAAAGGCGAGIGAGGTCT	19500
6504	GGAAAGAU G CCUGAGCA	4194	GCCGAAAGGCGAGIIGAGGIICII	19501
6510	AUGCCUGA G CACUUCAU	4195	COCCA & A COCCA CITION COLOR	73202
6535	CAUGGGAA G CACUUGAC	4196	GITCAAGITO OCCOMMAGGCCAGGCCC UCAGGCAU	19503
6549	C	4107	TOTAL DISCONTINUE CONTROL OF THE PROPERTY OF T	19504
6553	0	413/	ACARCEUA GCCGAAAGGCGAGUGAGGUCU AUGGUGUC	19505
6556			GECLALAA GCCGAAGGCGAGGUCU GUACAUGG	19506
6529	ACCITION O CONTROL	4133	GCCGAAAGGCGAGUGAGGUCU	19507
6565	וופטרטיים ש כניארטיפנים	4200	UGCAGUGG GCCGAAAGGCGAGUGAGGUCU CACAACGU	19508
6583	GROOM O CHEAGAA	4201	UUUCUCUG GCCGAAAGGCGAGUGAGGUCU AGUGGCCA	19509
2020	2 c	4202	UCUGUGAG GCCGAAAGGCGAGUGAGGUCU UCUUCCUC	19510
0000	۶ķ	4203	CUCCAGGG GCCGAAAGGCGAGUGAGGUCU CAUUCUGU	19511
6616	2 c	4204		19512
2229		4205		19513
6640	9 C	4206	AAUCAAGG GCCGAAAGGCGAGUGAGGUCU AAUUGUCU	19514
0599		4207	CAAUAAGG GCCGAAAGGCGAGUGAGGUCU AAUCAAGG	19515
6652		4208	UCAUCACA GCCGAAAGGCGAGUGAGGUCU UCAAUAAG	19516
6667		4209	GGUCAUCA GCCGAAAGGCGAGUGAGGUCU ACUCAAUA	19517
7879	2 0	4210		19518
2000	9 c	4211		19519
1000	0	4212	CCCUUCCG GCCGAAAGGCGAGUGAGGUCU UGCAUGAG	19520
6693		4213		19521
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6721	0	4216		19524
6724	GAGGCGCU G UCUUGGGA	4217	UCCCAAGA GCCGAAAGGCGAGGGGCG AGCGCCIIC	10575
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9779	ა	4219	GCCGAAAGGCGAGUGAGGUCU	19527
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6757	٥l	4221		19529
6763	စ	4222	UCCUGGAA GCCGAAAGGCGAGUGAGGUCU UUCAGCCA	19530
6781	0	4223		19531
6789	σĺ	4224	AGCAGCAA GCCGAAAGGCGAGUGAGGUCU AUUCCGGC	19532
6792	0	4225	GAGAGCAG GCCGAAAGGCGAGUGAGGUCU AACAUUCC	19533
6795	AUGUUGCU G CUCUCCCU	4226		19534
6817	ଠ	4227		19535
6819	Ø	4228	GGAAUUAG GCCGAAAGGCGAGUGAGGUCU ACAAUCAU	19536
6831	ø	4229	UUCUCUGG GCCGAAAGGCGAGUGAGGUCU UCAGGAAU	19537
6840		4230	GAACGUUG GCCGAAAGGCGAGUGAGGUCU UUCUCUGG	19538
6845	o۱	4231	UCUGCGAA GCCGAAAGGCGAGUGAGGUCU GUUGCUUC	19539
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6864	o	4233	ACGCCUAG GCCGAAAGGCGAGUGAGGUCU UGGUUGUC	19541
6868		4234	GAACACGG GCCGAAGGCGAGUGAGGUCU UAGCUGGU	19542
6871	AGCUAGCC G UGUUCCUG	4235	CAGGAACA GCCGAAAGGCGAGUGAGGUCU GGCUAGCU	19543
6873	CUAGCCGU G UUCCUGAU	4236	AUCAGGAA GCCGAAAGGCGAGUGAGGUCU ACGGCUAG	19544
6884	CCUGAUUU G UGUCAUGA	4237	UCAUGACA GCCGAAAGGCGAGGUCGU AAAUCAGG	19545
6886	UGAUTUGU G UCAUGACC	4238	GGUCAUGA GCCGAAAGGCGAGUGAGGUCU ACAAAUCA	19546
6898		4239	UGCGCUCA GCCGAAAGGCGAGUGAGGUCU AAGGGUCA	19547
6902	ପ	4240	CCACUGCG GCCGAAAGGCGAGUGAGGUCU UCACAAGG	19548
6904		4241	UGCCACUG GCCGAAGGCGAGUGAGGUCU GCUCACAA	19549
6907	UGAGCGCA G UGGCAGCC	4242	GGCUGCCA GCCGAAAGGCGAGUGAGGUCU UGCGCUCA	19550
6910	GCGCAGUG G CAGCCAAC	4243	GUUGGCUG GCCGAAAGGCGAGUGAGGUCU CACUGCGC	19551
6913	CAGUGGCA G CCAACGAG	4244	CUCGUUGG GCCGAAAGGCGAGGGGCU UGCCACUG	19552
6926	σ	4245	CUAGCCAA GCCGAAAGGCGAGUGAGGUCU CCAUCUCG	19553
6930	ი	4246	UUAUCUAG GCCGAAAGGCGAGUGAGGUCU CAACCCAU	19554
6947	ט	4247	UUAUGUCA GCCGAAAGGCGAGUGAGGUCU UCUUGGUC	19555
9269	ס	4248	ACAAACUG GCCGAAAGGCGAGUGAGGUCU UUAUGUCA	19556
6959	CAUAAGCA G UUUGUUUG	4249	CAAACAAA GCCGAAAGGCGAGUGAGGUCU UGCUUAUG	19557
6963	ଠ	4250	UGCCCAAA GCCGAAAGGCGAGUGAGGUCU AAACUGCU	19558
6969		4251	AUUCUUUG GCCGAAAGGCGAGUGAGGUCU CCAAACAA	19559
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6998	თ [4253	CUCCCAUG GCCGAAAGGCGAGUGAGGUCU UGAAAUUC	19561
7008		4254	AAAAGAAA GCCGAAAGGCGAGUGAGGUCU UCUCCCAU	19562
7026	٥	4255	GUUGCCGG GCCGAAAGGCGAGUGAGGUCU CUCAAGUC	19563
7030	0	4256	GGCUGUUG GCCGAAAGGCGAGUGAGGUCU CGGCCUCA	19564
7036	CGGCAACA G CCUGGUCA	4257	UGACCAGG GCCGAAAGGCGAGUGAGGUCU UGUUGCCG	19565

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1	O	4262	GAGGACCG GCCGAAAGGCGAGUGAGGUCU UGUUGUCA	19570
1	CAACAGCG G UCCUCACU	4263	AGUGAGGA GCCGAAAGGCCGAGUGAGGUCU CGCUGUUG	19571
	פ	4264	UGCUTUDAG GCCGAAAGGCCGAGUGAGGUCU AGUGGAGU	19572
	O	4265	AUCAAAUG GCCGAAAGGCGAGUGAGGUCU UUUAGCAG	19573
	UUGAUCAC G UCAGAUUA	4266	UAAUCUGA GCCGAAAGGCGAGUGAGGUCU GUGAUCAA	19574
	CAAUAAAC G UUCAGGCA	4267	UGCCUGAA GCCGAAAGGCGAGUGAGGUCU GUUUAUUG	19575
	ACGUUCAG G CAAGUGCA	4268	UGCACUUG GCCGAAAGGCGAGUGAGGUCU CUGAACGU	19576
	UCAGGCAA G UGCACUAU	4269	AUAGUGCA GCCGAAAGGCGAGUGAGGUCU UUGCCUGA	19577
	AGGCAAGU G CACUAUUC	4270	GAAUAGUG GCCGAAAGGCGAGUGAGGUCU ACUUGCCU	19578
	Ø	4271	GCCUCGCG GCCGAAAGGCGAGUGAGGUCU GAGUGUGA	19579
	ACACUCGC G CGAGGCUU	4272	AAGCCUCG GCCGAAAGGCGAGUGAGGUCU GCGAGUGU	19580
	cacacana a conceceo	4273	AGGGGAAG GCCGAAAGGCGAGUGAGGUCU CUCGCGCG	19581
	UCCCCUUC & UCGAUGUU	4274	AACAUCGA GCCGAAAGGCGAGUGAGGUCU GAAGGGGA	19582
	исвисвый в инвельно	4275	CACUCCAA GCCGAAAGGCGAGUGUGAGGUCU AUCGACGA	19583
ı		4276	AGCCGACA GCCGAAAGGCGAGUGAGGUCU UCCAACAU	19584
ı	auragasar a ucagecueu	4277	AGAGCCGA GCCGAAAGGCGAGUGAGGUCU ACUCCAAC	19585
	влеченсе в сисиссив	4278	CAGGAGAG GCCGAAAGGCGAGUGAGGUCU CGACACUC	19586
	GCUCUCCU G CUAGCAGC	4279	GCUGCUAG GCCGAAAGGCGAGUGAGGUCU AGGAGAGC	19587
	Б	4280	UCCGGCUG GCCGAAAGGCGAGUGAGGUCU UAGCAGGA	19588
	UGCUAGCA G CCGGAUGC	4281	GCAUCCGG GCCGAAAGGCGAGUGAGGUCU UGCUAGCA	19589
	ပ	4282	GUCCCCAG GCCGAAAGGCGAGUGAGGUCU AUCCGGCU	19590
	O	4283	GAGGGUGA GCCGAAAGGCGAGUGAGGUCU UUGUCCCC	19591
	CCCUCACC G UNACGGUA	4284	UACCGUAA GCCGAAAGGCGAGUGAGGUCU GGUGAGGG	19592
	២	4285	CGCUGUUA GCCGAAAGGCGAGUGAGGUCU CGUAACGG	19593
	О	4286	UGUUGCCG GCCGAAAGGCGAGUGAGGUCU UGUUACCG	19594
	O	4287	CAGUGUUG GCCGAAAGGCGAGUGAGGUCU CGCUGUUA	19595
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	ø	4289	CAUGUAGG GCCGAAAGGCGAGUGAGGUCU AUAGUGGC	19597
	ccuacade e unecceeu	4290	ACCEGEAA GCCGAAAGGCGAGUGAGGUCU CAUGUAGG	19598
	веписссе в пиваська	4291	COUGCCAA GCCGAAAGGCGAGUGAGGUCU CGGGAACC	19599
ı	cccedure e caaecuea	4292	UCAGCUUG GCCGAAAGGCGAGUGAGGUCU CAACCGGG	19600
	GUUGGCAA G CUGAGGCA	4293	UGCCUCAG GCCGAAAGGCGAGGGGGCUCU UUGCCAAC	19601
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	UGCGCUCA G CCCAGCGG	4297	CCGCUGGG GCCGAAAGGCGAGUGAGGUCU UGAGCGCA	19605
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7339	0	4300	UCCGGCCG GCCGAAAGGCGAGUGAGGUCU UGUCCGCC	19608
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7366		4304	GCCAUCCA GCCGAAAGGCGAGUGAGGUCU UACAGCGU	19612
7373	AGUGGAUG G CAUCGUGG	4305	CCACGAUG GCCGAAAGGCGAGUGAGGUCU CAUCCACU	19613
7378	0	4306	CGUGGCCA GCCGAAAGGCGAGGUGU GAUGCCAU	19614
7381	GCAUCGUG G CCACGGAC	4307	GUCCGUGG GCCGAAAGGCGAGGUGU CACGAUGC	19615
7390	O	4308	UUCUGGGA GCCGAAAGGCGAGGUGAGGUCU GUCCGUGG	1961
7404	ס	4309	GUGGUGCG GCCGAAAGGCGAGUGAGGUCU UCUAAUUC	19617
7406	AUJAGAGC G CACCACAC	4310		19618
7422	CCCAUCAU G CAGAAGAA	4311	UNCUUCUG GCCGAAAGGCGAGGUCU AUGAUGGG	19619
7432	0	4312	CUGUCCAA GCCGAAAGGCGAGUGAGGUCU UUUCUUCU	19620
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7456	UGAUCUUG G UGUCUCUA	4314	UAGAGACA GCCGAAAGGCGAGGGGCCU CAAGAUCA	19622
7458	AUCUUGGU G UCUCUAGC	4315	GCUAGAGA GCCGAAGGCGAGUCGUCU ACCAAGAU	19623
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7474		4319	GUUCACUA GCCGAAAGGCGAGUGAGGUCU UACUGCAG	19627
7477		4320		19628
7485	GUGAACCC G UCUGUGAA	4321	UUCACAGA GCCGAAAGGCGAGUGAGGUCU GGGUUCAC	19629
7489	ACCCGUCU G UGAAGACA	4322	UGUCUUCA GCCGAAAGGCGAGUGAGGUCU AGACGGGU	19630
7498	UGAAGACA G UACGAGAA	4323	UUCUCGUA GCCGAAAGGCGAGUGAGGUCU UGUCUUCA	19631
7507	UACGAGAA G CCGGAAUU	4324	AAUUCCGG GCCGAAAGGCGAGUGAGGUCU UUCUCGUA	19632
7525	σİ	4325		19633
7528	o	4326	CACCGCUG GCCGAAAGGCGAGUGAGGUCU GGCCGUGA	19634
7531	σ	4327		19635
7534	0	4328	AAGCGUCA GCCGAAAGGCGAGUGAGGUCU CGCUGCGG	19636
7539	စ	4329	UCCCAAAG GCCGAAAGGCGAGUGAGGUCU GUCACCGC	19637
7555	ט	4330	AGAGCUUG GCCGAAAGGCGAGUGAGGUCU UCCAUUCU	19638
7559		4331	AAACAGAG GCCGAAAGGCGAGUGAGGUCU UUGCUCCA	19639
7564	٥	4332	GUUCCAAA GCCGAAAGGCGAGUGAGGUCU AGAGCUUG	19640
1573	UUUGGAAC G CAACAACU	4333	AGUUGUUG GCCGAAAGGCGAGUGAGGUCU GUUCCAAA	19641
7582	ø	4334	UCCGAUGG GCCGAAAGGCGAGUGAGGUCU AGUUGUUG	19642
7595	۳	4335	UGAUGUGG GCCGAAAGGCGAGUGAGGUCU AGAGUCCG	19643
7605	٥	4336	CCCCCACG GCCGAAAGGCGAGUGAGGUCU AUGAUGUG	19644
7607	CAUCAUGC G UGGGGGUU	4337	AACCCCCA GCCGAAAGGCGAGUGAGGUCU GCAUGAUG	19645

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8026	יים מנהפסטון בי מוהפסטסט	1330	Charles and the second and the secon	
8028		4370	TITA CHILITA COCCARANGECEAGUCASCUCO DAGUUGGG	19686
8033	ACTIONAL D. GENERAL	4280	MACOUDE GCCGAAAGGCGAGGCCC ACOAGUG	18961
0000	ופ	0854	AUCCAUAA GCCGAAAGGCGAGUGAGUCU UUUGCACU	19688
8020	٥	4381	CAUGGUGA GCCGAAAGGCGAGUGAGGUCU AAUGUUCC	19689
8063	ᇰ	4382	CCACUCCA GCCGAAAGGCGAGUGAGGUCU UCUUCAUG	19690
8908	ᇰ	4383		19691
8074		4384		19692
8076	GUGGAUGU G UUCUACAG	4385		19693
8094	CCUUCUGA G UGUUGUGA	4386	UCACAACA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG	19694
8096	ט	4387	UGUCACAA GCCGAAAGGCGAGUGAGGUCU ACUCAGAA	19695
8099		4388	GGGUGUCA GCCGAAAGGCGAGUGAGGUCU AACACUCA	19696
8114		4389	CGAUGUCA GCCGAAAGGCGAGUGAGGUCU AAAGGAGG	19697
8127	AUCGGAGA G UCCUCGUC	4390	GACGAGGA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU	19698
8133	GAGUCCUC G UCAAGUGC	4391	GCACUUGA GCCGAAAGGCGAGUGAGGUCU GAGGACUC	19699
8138	CUCGUCAA G UGCUGAGG	4392	CCUCAGCA GCCGAAAGGCGAGUGAGGUCU UUGACGAG	19700
8140	CGUCAAGU G CUGAGGUU	4393	AACCUCAG GCCGAAAGGCGAGUGAGGUCU ACUUGACG	19701
8146	미	4394	CUCUUCAA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC	19702
8154	GUUGAAGA G CAUAGGAC	4395	GUCCUAUG GCCGAAAGGCGAGUGAGGUCU UCUUCAAC	19703
8170	CGAUUCGG G UCCUUGAA	4396	UUCAAGGA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG	19704
8182	UUGAAAUG G UUGAGGAC	4397	GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAA	19705
8193	GAGGACUG G CUGCACCG	4398	CGGUGCAG GCCGAAAGGCGAGUGAGGUCU CAGUCCUC	19706
8196	ט	4399	CCUCGGUG GCCGAAAGGCGAGUGAGGUCU AGCCAGUC	19707
8205	٥	4400	UCCCUUGG GCCGAAAGGCGAGUGAGGUCU CCUCGGUG	19708
8219	GGAAUUUU G CGUGAAGG	4401	CCUUCACG GCCGAAAGGCGAGUGAGGUCU AAAAUUCC	19709
8221	AAUUUUGC G UGAAGGUG	4402		19710
8227	GCGUGAAG G UGCUCUGC	4403	GCAGAGCA GCCGAAAGGCGAGUGAGGUCU CUUCACGC	19711
8229	GUGAAGGU G CUCUGCCC	4404	GGGCAGAG GCCGAAAGGCGAGUGAGGUCU ACCUUCAC	19712
8234	σ	4405	UGUAGGG GCCGAAAGGCGAGUGAGGUCU AGAGCACC	19713
8244		4406		19714
8251		4407	CUCUAUGA GCCGAAAGGCGAGUGAGGUCU UUUCGGCA	19715
8268	AAGAUGGA G CUGCUCCA	4408		19716
8271	AUGGAGCU G CUCCAACG	4409	CGUUGGAG GCCGAAAGGCGAGUGAGGUCU AGCUCCAU	19717
8279		4410	CAUACCGG GCCGAAAGGCGAGUGAGGUCU GUUGGAGC	19718
8283	CAACGCCG G VAUGGGGG	4411	CCCCCAUA GCCGAAAGGCGAGUGAGGUCU CGGCGUUG	19719
8299	ᇹ	4412	GUUUCUGA GCCGAAGGCGAGUGAGGUCU CAGUCCCC	19720
8328	AAUUCCAC G CACGAGAU	4413	AUCUCGUG GCCGAAGGCGAGUGAGGUCU GUGGAAUU	19721
8337	CACGAGAU G UAUUGGGU	4414	ACCCAAUA GCCGAAAGGCGAGUGAGGUCU AUCUCGUG	19722
8344	o	4415	UCGACUCA GCCGAAAGGCGAGUGAGGUCU CCAAUACA	19723
8348	ט	4416	AAGCUCGA GCCGAAAGGCGAGUGAGGUCU UCACCCAA	19724
8353	UGAGUCGA G CUUCAGGC	4417	GCCUGAAG GCCGAAAGGCGAGUGAGGUCU UCGACUCA	19725

8360	AGCHICAG G CAAHGHGG	4418	THE ACTUAL INTERPRETABLE AND PRINCIPLE AND P	1020
8365	ט	4419	GCCGAAAGGCGAGIIGAGGIICII	19727
8368	GCAAUGUG G VACAUUCA	4420	GCCGAAAGGCGAGUGAGGUCU	19728
8377	UACAUUCA G UGAAUAUG	4421	GCCGAAAGGCGAGUGAGGUCU	19729
8390	UAUGACCA G CCAGGUGC	4422	GCACCUGG GCCGAAAGGCGAGUGAGGUCU UGGUCAUA	19730
8395	CCAGCCAG G UGCUCCUA	4423	UAGGAGCA GCCGAAAGGCGAGUGAGGUCU CUGGCUGG	19731
8397	ט	4424	CCUAGGAG GCCGAAAGGCGAGUGAGGUCU ACCUGGCU	19732
8452	AGGAAGAU G UAAACUUG	4425	CAAGUUUA GCCGAAAGGCGAGUGAGGUCU AUCUUCCU	19733
8465	CUUGGGAA G UGGAACCA	4426	UGGUUCCA GCCGAAAGGCGAGUGAGGUCU UUCCCAAG	19734
8476	далссава в севивава	4427	UCCCACCG GCCGAAAGGCGAGUGAGGUCU CCUGGUUC	19735
8479		4428	UUUUCCCA GCCGAAAGGCGAGUGAGGUCU CGCCCUGG	19736
8493		4429	GAGUUGAG GCCGAAAGGCGAGUGAGGUCU AGGGGUUU	19737
8510	Ø	4430	UGAUTUUA GCCGAAAGGCGAGUGAGGUCU UGGUGUCU	19738
8541	свасисав в свивавия	4431	UACUCACG GCCGAAAGGCGAGUGAGGUCU CUGAGUCG	19739
8543	ACUCAGGC G UGAGUACA	4432	UGUACUCA GCCGAAAGGCGAGUGAGGUCU GCCUGAGU	19740
8547		4433	GAACUGUA GCCGAAAGGCGAGUGAGGUCU UCACGCCU	19741
8552	UGAGUACA G UUCGACGU	4434	ACGUCGAA GCCGAAAGGCGAGUGAGGUCU UGUACUCA	19742
8559	Ð	4435	UGGUGCCA GCCGAAAGGCGAGUGAGGUCU GUCGAACU	19743
8562	UCGACGUG G CACCACGA	4436	UCGUGGUG GCCGAAAGGCGAGUGAGGUCU CACGUCGA	19744
8606	CUAUCACG G CAGUUAUG	4437	CAUAACUG GCCGAAAGGCGAGUGAGGUCU CGUGAUAG	19745
8609		4438	CAUCAUAA GCCGAAAGGCGAGUGAGGUCU UGCCGUGA	19746
8617	o	4439	GGGCUUCA GCCGAAAGGCGAGUGAGGUCU AUCAUAAC	19747
8622	اه	4440	CCUGUGGG GCCGAAAGGCGAGUGAGGUCU UUCACAUC	19748
8630	ט	4441	UGGCGGAG GCCGAAAGGCGAGUGAGGUCU CUGUGGGC	19749
8635	CAGGCUCC G CCAGUUCG	4442	CGAACUGG GCCGAAAGGCGAGUGAGGUCU GGAGCCUG	19750
8639	CUCCGCCA G UUCGCUGG	4443	CCAGCGAA GCCGAAAGGCGAGUGAGGUCU UGGCGGAG	19751
8643	GCCAGUUC G CUGGUCAA	4444	UDGACCAG GCCGAAAGGCGAGUGAGGUCU GAACUGGC	19752
8647	GUUCGCUG G UCAAUGGA	4445	GCCGAAAGGCGAGUGAGGUCU	19753
9656	UCAAUGGA G UGGUCAGG	4446	CCUGACCA GCCGAAAGGCGAGUGAGGUCU UCCAUUGA	19754
8659	AUGGAGUG G UCAGGCUC	4447	GAGCCUGA GCCGAAAGGCGAGUGAGGUCU CACUCCAU	19755
8664	guagucaa a cuccucuc	4448	GAGAGGAG GCCGAAAGGCGAGUGAGGUCU CUGACCAC	19756
8698	ט	4449	GGUGGUAA GCCGAAAGGCGAGUGAGGUCU AUUCGUGA	19757
8710	ס	4450	AGUCAUGG GCCGAAAGGCGAGUGAGGUCU CAUGGUGG	19758
8736	Ø	4451	CGCUGCUG GCCGAAAGGCGAGUGAGGUCU CCGAAGGG	19759
8739	σ	4452	ACUCGCUG GCCGAAAGGCGAGUGAGGUCU UGCCCGAA	19760
8742	GGGCAGCA G CGAGUGUU	4453	AACACUCG GCCGAAAGGCGAGUGAGGUCU UGCUGCCC	19761
8746		4454	UUUGAACA GCCGAAAGGCGAGUGAGGUCU UCGCUGCU	19762
8748	0	4455	UCUUUGAA GCCGAAAGGCGAGUGAGGUCU ACUCGCUG	19763
8761	이	4456	CGUGUCCA GCCGAAAGGCGAGUGAGGUCU CUUCUCUU	19764
8773	ACACGAAA G CUCCUGAA	4457	UUCAGGAG GCCGAAAGGCGAGUGAGGUCU UUUCGUGU	19765

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8784	CCUGAACC G CCAGAAGG	4458	CCUUCUGG GCCGAAAGGCGAGUGAGGUCTI GGITTCAGG	19766
8794	CAGAAGGA G UGAAGUAC	4459	GUACUUCA GCCGAAAGGCGAGUGAGGUCU UCCUUCUG	19767
8799	O	4460	AGCACGUA GCCGAAAGGCGAGUGAGGUCU UUCACUCC	19768
8803	O	4461	AUUGAGCA GCCGAAAGGCGAGUGAGGUCU GUACUUCA	19769
8805		4462	UCAUUGAG GCCGAAAGGCGAGUGAGGUCU ACGUACUU	19770
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8829	AACUGGUU G UGGGCGUU	4464	AACGCCCA GCCGAAAGGCGAGUGAGGUCU AACCAGUU	19772
8833	ecunance c camming	4465	CAAAAACG GCCGAAAGGCGAGUGAGGUCU CCACAACC	19773
8835	O	4466	GCCAAAAA GCCGAAAGGCGAGUGAGGUCU GCCCACAA	19774
8842	ø	4467	UUCUCUGG GCCGAAAGGCGAGUGAGGUCU CAAAACG	19775
8855	AGAAAAC G UCCCAGAA	4468	UUCUGGGA GCCGAAAGGCGAGUGAGGUCU GUUUUUCU	19776
8865	Ø	4469	CGAGAGCA GCCGAAAGGCGAGUGAGGUCU AUUCUGGG	19777
8867	0	4470	CUCGAGAG GCCGAAAGGCGAGUGAGGUCU ACAUUCUG	19778
8893	UAAGAAAG G UCAACAGC	4471	GCUGUUGA GCCGAAAGGCGAGUGAGGUCU CUUUCUUA	19779
8900		4472	CUGCAUUG GCCGAAAGGCGAGUGAGGUCU UGUUGACC	19780
8905	O	4473	CAAAGCUG GCCGAAAGGCGAGUGAGGUCU AUUGCUGU	19781
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8917		4476	AAACAUGG GCCGAAAGGCGAGUGAGGUCU ACCCAAAG	19784
8922	ס	4477	UCUUCAAA GCCGAAAGGCGAGUGAGGUCU AUGGCACC	19785
8931	0	4478	UGAUUCUG GCCGAAAGGCGAGUGAGGUCU UCUUCAAA	19786
8948	0	4479	CUCUGGCO GCCGAAAGGCGAGUGAGGUCU UCCUCCAU	19787
8950	ט	4480	UUCUCUGG GCCGAAAGGCGAGUGAGGUCU GCUCCUCC	19788
8959	ø	4481	UUCAACUG GCCGAAAGGCGAGUGAGGUCU UUCUCUGG	19789
8962	GAGAAGCA G UUGAAGAU	4482	AUCUUCAA GCCGAAAGGCGAGUGAGGUCU UGCUUCUC	19790
8989	GGGAGAUG G UGGAUGAG	4483	CUCAUCCA GCCGAAAGGCGAGUGAGGUCU CAUCUCCC	19791
9000	ט	4484	GCCUCGCG GCCGAAAGGCGAGUGAGGUCU UCCUCAUC	19792
2005	0	4485	GUGCCUCG GCCGAAAGGCGAGUGAGGUCU GCUCCUCA	19793
9007	이	4486	CAGAUGUG GCCGAAAGGCGAGUGAGGUCU CUCGCGCU	19794
9015		4487	UCCCCCC GCCGAAAGGCGAGUGAGGUCU AGAUGUGC	19795
9026	GGGGGAAU G UCACACUU	4488	AAGUGUGA GCCGAAAGGCGAGUGAGGUCU AUUCCCCC	19796
9035	UCACACUU G CAUTUACA	4489	UGUAAAUG GCCGAAAGGCGAGUGAGGUCU AAGUGUGA	19797
9078	اه	4490	UUUCCGAA GCCGAAAGGCGAGUGAGGUCU UCUCCGGG	19798
9088	0	4491	UCCCUUGG GCCGAAAGGCGAGUGAGGUCU CUUUCCGA	19799
9098	O	4492	UGGCUCUG GCCGAAAGGCGAGUGAGGUCU UUCCCUUG	19800
9103	ا¤	4493	CCAAAUGG GCCGAAAGGCGAGUGAGGUCU UCUGCUUC	19801
9111	O	4494	CACAUGAA GCCGAAAGGCGAGUGAGGUCU CAAAUGGC	19802
9117	וס	4495	CCGAGCCA GCCGAAAGGCGAGGUCU AUGAACCA	19803
9120	<u>ت</u>	4496	GCUCCGAG GCCGAAAGGCGAGGUCU CACAUGAA	19804
9127	GGCUCGGA G CUCGCUUU	4497	AAAGCGAG GCCGAAAGGCGAGUGU UCCGAGCC	19805

1777	CGGAGCUC G CUUUCUGG	4498	CCAGAAAG GCCGAAAAGGCGAGUGAGGUCU GAGCUCCG	19806
9141	UUUCUGGA G UUCGAGGC	4499	GCCUCGAA GCCGAAAGGCGAGUGAGGUCU UCCAGAAA	19807
9148		4500	ACCCAGAG GCCGAAAGGCGAGUGAGGUCU CUCGAACU	19808
9155	Ø	4501	UGAGAAAA GCCGAAAGGCGAGUGAGGUCU CCAGAGCC	19809
9177	GACCACUG G CUUGGAAG	4502	CUUCCAAG GCCGAAAGGCGAGUGAGGUCU CAGUGGUC	19810
9203		4503	CCUCGACA GCCGAAAGGCGAGUGAGGUCU CUCCUCCU	19811
9205	O	4504	GCCCUCGA GCCGAAAGGCGAGUGAGGUCU ACCUCCUC	19812
9212	O	4505	GGCCCAAG GCCGAAAGGCGAGUGAGGUCU CCUCGACA	19813
9218	Ö	4506	UNUGGAGG GCCGAAAGGCGAGUGAGGUCU CCAAGCCC	19814
9233	O	4507	GGAUGUAA GCCGAAAGGCGAGUGAGGUCU CCAGUUUU	19815
9243		4508	ACTUCACO GCCGAAAGGCGAGUGAGGUCU AGGAUGUA	19816
9245	Ø	4509	CAACUUCA GCCGAAAGGCGAGUGAGGUCU GCAGGAUG	19817
9250	ס	4510	GGUGCCAA GCCGAAAGGCGAGUGAGGUCU UUCACGCA	19818
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9261	o	4512	CCCCCAGG GCCGAAAGGCGAGUGAGGUCU CGGGUGCC	19820
9269	0	4513	AGAUCUUG GCCGAAAGGCGAGUGAGGUCU CCCCAGGC	19821
9280	O	4514	GUCAUCAG GCCGAAAGGCGAGUGAGGUCU AUAGAUCU	19822
9292	Ø	4515	CCAGCCAG GCCGAAAGGCGAGUGAGGUCU UGUGUCAU	19823
9526	ø	4516	UGUCCCAG GCCGAAAGGCGAGUGAGGUCU CAGCUGUG	19824
9308	O	4517	UCGUGAUG GCCGAAAGGCGAGUGAGGUCU GGGUGUCC	19825
9319	이	4518		19826
9337	0	4519	CACCUUAG GCCGAAAGGCGAGUGAGGUCU UUCAUUUU	19827
9343	0	4520	CUCAAGCA GCCGAAAGGCGAGUGAGGUCU CUUAGCUU	19828
9345		4521	AGCUCAAG GCCGAAAGGCGAGUGAGGUCU ACCUUAGC	19829
9351	0	4522	UCAAGCAG GCCGAAAGGCGAGUGAGGUCU UCAAGCAC	19830
9354	ט	4523	ссалсала ассалалавствання наспель	19831
9372	Ø	4524	GCAAGACG GCCGAAAGGCGAGUGAGGUCU CGAUGUUC	19832
9374	o	4525	UGGCAAGA GCCGAAAGGCGAGUGAGGUCU GCCGAUGU	19833
9379	ט	4526	GGCCCUGG GCCGAAAGGCGAGUGAGGUCU AAGACGCC	19834
9385	ט	4527	AAUGAUGG GCCGAAAGGCGAGGUCU CCUGGCAA	19835
9396		4528	UAGGUGAG GCCGAAAGGCGAGUGAGGUCU UCAAUGAU	19836
9407	O	4529	CUUJGUGA GCCGAAAGGCGAGUGAGGUCU GAUAGGUG	19837
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9418		4531	CACUTUCA GCCGAAAGGCGAGUGAGGUCU AACUTUGU	19839
9424		4532	GCGCAUCA GCCGAAAGGCGAGUGAGGUCU UUUCACAA	19840
9429	O	4533	GCCGGGCG GCCGAAAGGCGAGUGAGGUCU AUCACUUU	19841
9431	AGUGAUGC G CCCGGCUG	4534	CAGCCGGG GCCGAAAGGCGAGUGAGGUCU GCAUCACU	19842
9436	IJ	4535	AUCAGCAG GCCGAAAGGCGAGUGAGGUCU CGGGCGCA	19843
9439	פ	4536	UCCAUCAG GCCGAAAGGCGAGUGAGGUCU AGCCGGGC	19844
9454	GAAGAACC G UCAUGGAU	4537	AUCCAUGA GCCGAAAGGCGAGUGAGGUCU GGUUCUUC	19845

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9463	ᇰ	4538	GGAGAUAA GCCGAAAGGCGAGUGAGGUCU AUCCAUGA	19846
9491	ø	4539	CUUGUCCA GCCGAAAGGCGAGUGAGGUCU UCCCCCUC	19847
9499	GUGGACAA G UUGUCACC	4540	GGUGACAA GCCGAAAGGCGAGUGAGGUCU UUGUCCAC	19848
9502	ပ	4541	GUAGGUGA GCCGAAAGGCGAGUGAGGUCU AACUUGUC	19849
9511	Ø	4542	GUUUAGGG GCCGAAAGGCGAGUGAGGUCU GUAGGUGA	19850
9535	٥	4543	CUGGACGG GCCGAAAGGCGAGUGAGGUCU CAGGUUGG	19851
9538	O	4544	CAGCUGGA GCCGAAAGGCGAGGUCU GGCCAGGU	19852
9543	O	4545	CUCACCAG GCCGAAAGGCGAGUGAGGUCU UGGACGGC	19853
9547	O	4546	CAUCCUCA GCCGAAAGGCGAGUGAGGUCU CAGCUGGA	19854
9571	GGGAAGGA G UGAUUGGC	4547	GCCAAUCA GCCGAAAGGCGAGUGAGGUCU UCCUUCCC	19855
9578	адпамина в сссадами	4548	CAUCUGGG GCCGAAAGGCGAGUGAGGUCU CAAUCACU	19856
9589	O	4549	UUUCUCCA GCCGAAAGGCGAGUGAGGUCU AUCAUCUG	19857
9622	GACCCAAA G UCAGGACC	4550	GEUCCUGA GCCGAAGGCGAGUGAGGUCU UUUGGGUC	19858
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9662	ซ	4553	CCAUGCGG GCCGAAAGGCGAGUGAGGUCU UGAGUCUU	19861
9665	O	4554	CAGCCAUG GCCGAAAGGCGAGUGAGGUCU GGCUGAGU	19862
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9726	O	4564	AAGUGGAG GCCGAAAGGCGAGUGAGGUCU GAGGUGGC	19872
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9774	o	4569	GGUUUCCA GCCGAAAGGCGAGUGAGGUCU UCUUGGAU	19877
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9871	CACUGGUG G UUCCAUGC	4577	GCAUGGAA GCCGAAAGGCGAGUGAGGUCU CACCAGUG	19885

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Ð	CCCGAGCC	4620	GGCUCGGG GCCGAAAGGCGAGUGAGGUCU UCUUGUGC	19928
GAGCCCGA G	CCACGUGG	4621	CCACGUGG GCCGAAAGGCGAGUGAGGUCU UCGGGCUC	19929
	JGGGCAGA	4622	UCUGCCCA GCCGAAAGGCGAGUGAGGUCU GUGGCUCG	19930
O	CAGAAAAC	4623	GUUUUCUG GCCGAAAGGCGAGUGAGGUCU CCACGUGG	19931
ACAUCCAG G	UGGCUAUC	4624	GAUAGCCA GCCGAAAGGCGAGUGAGGUCU CUGGAUGU	19932
B	CUAUCAAC	4625	GUUGAUAG GCCGAAAGGCGAGUGAGGUCU CACCUGGA	19933
UCAACCAA G I	G UCAGAGCA	4626	UGCUCUGA GCCGAAAGGCGAGUGAGGUCU UUGGUUGA	19934
AAGUCAGA G	G CAAUCAUC	4627	GAUGAUUG GCCGAAAGGCGAGUGAGGUCU UCUGACUU	19935
	G UAUGUGGA	4628	UCCACAUA GCCGAAAGGCGAGUGAGGUCU UUCUCAUC	19936
า อ บุลบอลคอก	G UGGAUUAC	4629	GUAAUCCA GCCGAAAGGCGAGUGAGGUCU AUACUUCU	19937
UUACAUGA G 1	G UUCACUAA	4630	UUAGUGAA GCCGAAAGGCGAGUGAGGUCU UCAUGUAA	19938
CAACUUUG G (UUGAGGAC	4631	GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAAAGUUG	19939
AGGACACA G UACUGUAG	JACUGUAG	4632	CUACAGUA GCCGAAAGGCGAGUGAGGUCU UGUGUCCU	19940
	UAGAUAUU	4633	AAUAUCUA GCCGAAAGGCGAGUGAGGUCU AGUACUGU	19941
AAUCAAUU	G URAAUAGA	4634	UCUAUTUNA GCCGAAAGGCGAGUGAGGUCU AAUUGAUU	19942
Ð	G UAUGCAUA	4635	UAUGCAUA GCCGAAAGGCGAGUGAGGUCU UUAUAUUG	19943
O	CAUAAAAG	4636	CUUUUAUG GCCGAAAGGCGAGUGAGGUCU AUACUUAU	19944
೮	UGUAGUUU	4637	AAACUACA GCCGAAAGGCGAGUGAGGUCU UUUUAUGC	19945
	g uaguuuua	4638	UAAAACUA GCCGAAAGGCGAGUGAGGUCU ACUUUUAU	19946
ø	UUUUAUAG	4639		19947
	UAGUAUUU	4640	AAAUACUA GCCGAAAGGCGAGUGAGGUCU UAUAAAAC	19948
	g DAUUUAGU	4641	ACUADADA GCCGADAGGCGAGUGAGGUCU UACUADA	19949
AGUAUTUDA G L	g UGGUGUUA	4642	UAACACCA GCCGAAAGGCGAGUGAGGUCU UAAAUACU	19950
AUUUAGUG G UGUUAGUG	IGUUAGUG	4643	CACUAACA GCCGAAAGGCGAGUGAGGUCU CACUAAAU	19951
	JUAGUGUA	4644	UACACUAA GCCGAAAGGCGAGUGAGGUCU ACCACUAA	19952
	G UGUAAAUA	4645	UAUUUACA GCCGAAAGGCGAGUGAGGUCU UAACACCA	19953
თ[UAAAUAGU	4646		19954
UGUAAAUA G L	G UUAAGAAA	4647	UUUCUUAA GCCGAAAGGCGAGUGAGGUCU UAUUUACA	19955
AGGAGAAA G UCAGGCCG	JCAGGCCG	4648	CGGCCUGA GCCGAAAGGCGAGUGAGGUCU UUUCUCCU	19956
AAAGUCAG G CCGGGAAG	CGGGAAG	4649	CUUCCCGG GCCGAAAGGCGAGUGAGGUCU CUGACUUU	19957
	g uncccacc	4650	GGCGGGAA GCCGAAAGGCGAGUGAGGUCU UUCCCGGC	19958
	G CCACCGGA	4651	UCCGGUGG GCCGAAAGGCGAGUGAGGUCU GGGAACUU	19959
	g uugaguag	4652	CUACUCAA GCCGAAAGGCGAGUGAGGUCU UUCCGGUG	19960
GAAGUUGA G L	G UAGACGGU	4653	ACCGUCUA GCCGAAAGGCGAGUGAGGUCU UCAACUUC	19961
AGUAGACG G UGCUGCCU	າອຕນອດຕາ	4654	AGGCAGCA GCCGAAAGGCGAGUGAGGUCU CGUCUACU	19962
UAGACGGU G CUGCCUGC	ນອດຕາຍດ	4655	GCAGGCAG GCCGAAAGGCGAGUGAGGUCU ACCGUCUA	19963
ACGGUGCU G CCUGCGAC	CUGCGAC	4656	GUCGCAGG GCCGAAAGGCGAGUGAGGUCU AGCACCGU	19964
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10589 UGAAC	UGAACAAA G CCGCGAAG	4659	CUUCACGO ACCGAAAGCCCAAGUGAGGUCU UUUGUUCA	19967
	ACAAAGCC G CGAAGUGA	4660	UCACUUCG GCCGAAAGGCGAGUGAGGUCU GGCUUUGU	19968
	вссесель в исмиссли	4661	AUGGAUCA GCCGAAAGGCGAGUGAGGUCU UUCGCGGC	19969
	Ö	4662	AGGGCUUA GCCGAAAGGCGAGUGAGGUCU AUGGAUCA	19970
		4663	UCUGAGGG GCCGAAAGGCGAGUGAGGUCU UUACAUGG	19971
	ACC G UCUCGGAA	4664	UUCCGAGA GCCGAAAGGCGAGUGAGGUCU GGUUCUGA	19972
	CAU G UUGUAACU	4665	AGUUACAA GCCGAAAGGCGAGUGAGGUCU AUGUGGGG	19973
	O	4666	UGAAGUUA GCCGAAAGGCGAGUGAGGUCU AACAUGUG	19974
	ט	4667	ACAUUGGG GCCGAAAGGCGAGUGAGGUCU UUUGAAGU	19975
	ט	4668	UGGUCUGA GCCGAAAGGCGAGUGAGGUCU AUUGGGCU	19976
10676 CAGACCAC	CAC G CUACGGCG	4669	CGCCGUAG GCCGAAAGGCGAGUGAGGUCU GUGGUCUG	19977
	ACG G CGUGCUAC	4670	GUAGCACG GCCGAAAGGCCGAGUGAGGUCU CGUAGCGU	19978
		4671	GAGUAGCA GCCGAAAGGCGAGUGAGGUCU GCCGUAGC	19979
	ס	4672	CAGAGUAG GCCGAAAGGCGAGUGAGGUCU ACGCCGUA	19980
	ט	4673	ACUCUCCG GCCGAAAGGCGAGUGAGGUCU AGAGUAGC	19981
	ပ	4674	AGACUGCA GCCGAAAGGCGAGUGAGGUCU UCUCCGCA	19982
	ט	4675	GCAGACUG GCCGAAAGGCGAGUGAGGUCU ACUCUCCG	19983
	O	4676	AUCGCAGA GCCGAAAGGCGAGUGAGGUCU UGCACUCU	19984
	O	4677	CACUAUCG GCCGAAAGGCGAGUGAGGUCU AGACUGCA	19985
	១	4678	CUGGGGCA GCCGAAAGGCGAGUGAGGUCU UAUCGCAG	19986
	ט	4679	UCCUGGGG GCCGAAGGCGAGUGAGGUCU ACUAUCGC	19987
	σĺ	4680	<i>вссерававасвавиваванси</i>	19988
	ט	4681	UUGGUUUG GCCGAAAGGCGAGUGAGGUCU CUUUGUUA	19989
	ס	4682	GCCGAAAGGCGAGUGAGGUCU	19990
	υ	4683	UAGGGCCG GCCGAAAGGCCGAGUGAAGUCU GUGGGGCG	19991
	ၓ	4684	GGCUAGGG GCCGAAAGGCGAGUGAGGUCU CGCGUGGG	19992
	ט	4685		19993
_	ט	4686	GCCGAAAGGCGAGUGAGGUCU	19994
		4687		19995
	σ	4688	CUGGIUDA GCCGAAAGGCGAGUGAGGUCU ACCAUUAC	19996
	이	4689	UCCUUUCG GCCGAAAGGCGAGUGAGGUCU CCUGGUUA	19997
4	စ	4690	UCCUCUAA GCCGAAAGGCGAGUGAGGCCU CUCUAGUC	19998
	SCC G CGGUUUAA	4691	UNAAACCG GCCGAAAGGCGAGUGAGGUCU GGGGUCUC	19999
	ช	4692	ACUUDAAA GCCGAAAGGCGAGUGAGGUCU CGCGGGGU	20000
	이	4693	GCCGUGCA GCCGAAAGGCGAGUGAGGUCU UUUAAACC	20001
10836 UUUAAAGU G	AGU G CACGGCCC	4694	GGGCCGUG GCCGAAAGGCGAGUGAGGUCU ACUUUAAA	20002
	Ø	4695	AGGCUGGG GCCGAAAGGCGAGUGAGGUCU CGUGCACU	20003
	ס	4696	CAGUCAGG GCCGAAAGGCGAGUGAGGUCU UGGGCCGU	20004
10857	TINDERSONE OF REFERENCE	20,77		

			Table V	
10860	CUGAAGCU G UAGGUCAG	4698	CUGACCUA GCCGAAAGGCGAGUGAGGUCU AGCUUCAG 20	20006
10864	AGCUGUAG G UCAGGGGA	4699	UCCCCUGA GCCGAAAGGCGAGUCAGGUCU CUACAGCU	20007
10883	GACUAGAG G UUAGUGGA	4700	UCCACUAA GCCGAAAAGCCGAGUGAGGUCU CUCUAGUC 20	2000B
10887	AGAGGUUA G UGGAGACC	4701	+	20009
10898	GAGACCCC G UGCCACAA	4702	\dagger	20010
10900	GACCCCGU G CCACAAAA	4703	\dagger	20017
10924	ACAAAACA G CAUAUUGA	4704	+	20012
10960	GAUCUUCU G CUCUGCAC	4705	+	20013
10965	UCUGCUCU G CACAACCA	4706	+	20014
10974	CACAACCA G CCACACGG	4707		20015
10982	GCCACACO O CACAGUGC	4708		20016
10987	ACGGCACA G UGCGCCGA	4709		20017
10989	GGCACAGU G CGCCGACA	4710	+	20018
10991	CACAGUGC G CCGACAAU	4711		20019
11001	CGACAAUG G UGGCUGGU	4712		20020
11004	CAAUGGUG G CUGGUGGU	4713		12002
11008	GGUGGCUG G UGGUGCGA	4714	\dagger	20022
11011	GGCUGGUG G UGCGAGAA	4715		20023
11013	CUGGUGGU G CGAGAACA	4716	+	20024
			_	

Input Sequence - AF196835. Cut Site - G/Y Arm Length - 8. Core Sequence - GCcgaaagGCGaGuCaagGuCu AF196835 West Nile virus strain NY99-flamingo382-99, complete genome

Table VI: WNV DNAzyme and Target Sequence

Pos	Substrate	I Com TD	DVI d	
POS	Substrace	Seq ID	DNAzyme Sequence	Seq ID
142	CUGUCAAU A UGCUAAAA	20	TTTTAGCA GGCTAGCTACAACGA ATTGACAG	20025
196	AGAGGGCU A UGUUGAGC	26	GCTCAACA GGCTAGCTACAACGA AGCCCTCT	20026
228	GGGCCAAU A CGAUUUGU	29	ACAAATCG GGCTAGCTACAACGA ATTGGCCC	20027
379	CCAGUGCU A UCAAUCGG	53	CCGATTGA GGCTAGCTACAACGA AGCACTGG	20028
469	GAGCAGUU A CCCUCUCU	63	AGAGAGGG GGCTAGCTACAACGA AACTGCTC	20029
514	UAAAUGCU A CUGACGUC	70	GACGTCAG GGCTAGCTACAACGA AGCATTTA	20030
564	AAGAACCU A UGCAUUGU	76	ACAATGCA GGCTAGCTACAACGA AGGTTCTT	20031
593	UGUGGGAU A CAUGUGCG	79	CGCACATG GGCTAGCTACAACGA ATCCCACA	20032
607	GCGAUGAU A CUAUCACU	80	AGTGATAG GGCTAGCTACAACGA ATCATCGC	20033
610	AUGAUACU A UCACUUAU	81	ATAAGTGA GGCTAGCTACAACGA AGTATCAT	20034
617	UAUCACUU A UGAAUGCC	84	GGCATTCA GGCTAGCTACAACGA AAGTGATA	20035
689	AGCAGUCU A CGUCAGGU	92	ACCTGACG GGCTAGCTACAACGA AGACTGCT	20036
698	CGUCAGGU A UGGAAGAU	94	ATCTTCCA GGCTAGCTACAACGA ACCTGACG	20037
824	CACAAGGU A UUUGGUAA	101	TTACCAAA GGCTAGCTACAACGA ACCTTGTG	20038
866	CCCUGGAU A UGCCCUGG	108	CCAGGGCA GGCTAGCTACAACGA ATCCAGGG	20039
939	GUCGUGCU A UUGCUUUU	117	AAAAGCAA GGCTAGCTACAACGA AGCACGAC	20040
962	CCCAGCUU A CAGCUUCA	123	TGAAGCTG GGCTAGCTACAACGA AAGCTGGG	20041
1063	GCGUGACU A UCAUGUCU	136	AGACATGA GGCTAGCTACAACGA AGTCACGC	20042
1084	ACAAGCCU A CCAUCGAU	140	ATCGATGG GGCTAGCTACAACGA AGGCTTGT	20043
1108	UGAUGAAU A UGGAGGCG	142	CGCCTCCA GGCTAGCTACAACGA ATTCATCA	20044
1142	CCGCAGUU A UUGCUAUU	146	AATAGCAA GGCTAGCTACAACGA AACTGCGG	20045
1156	UUAUUGCU A UUUGGCUA	148	TAGCCAAA GGCTAGCTACAACGA AGCAATAA	20046
1287	AUUUGGCU A CCGUCAGC UGCGGAUU A UUUGGCAA	151	GCTGACGG GGCTAGCTACAACGA AGCCAAAT	20047
1333	CCUGCUCU A CCAAGGCA	161	TTGCCAAA GGCTAGCTACAACGA AATCCGCA	20048
1369	AAGAGAAU A UCAAGUAC	168	TGCCTTGG GGCTAGCTACAACGA AGAGCAGG	20049
1376	UAUCAAGU A CGAAGUGG	172	GTACTTGA GGCTAGCTACAACGA ATTCTCTT	20050
1408	GACCAACU A CUGUGGAG	180	CCACTTCG GGCTAGCTACAACGA ACTTGATA	20051
1430	CGGAAACU A CUCCACAC	182	CTCCACAG GGCTAGCTACAACGA AGTTGGTC	20052
1493	GCCUUCAU A CACACUAA	192	GTGTGGAG GGCTAGCTACAACGA AGTTTCCG TTAGTGTG GGCTAGCTACAACGA ATGAAGGC	20053
1514	UGGAGAAU A UGGAGAGG	195	CCTCTCCA GGCTAGCTACAACGA ATTCTCCA	20054
1568	CAAUGCAU A CUACGUGA	198	TCACGTAG GGCTAGCTACAACGA ATTCTCCA	20055
1571	UGCAUACU A CGUGAUGA	199	TCATCACG GGCTAGCTACAACGA AGTATGCA	20056
1657	CUGGAAGU A CUGUGUGG	211	CCACACAG GGCTAGCTACAACGA ACTTCCAG	20057
1871	AACAACCU A UGGCGUCU	239	AGACGCCA GGCTAGCTACAACGA AGGTTGTT	20058
1952	AUUGCAGU A CACUGGCA	254	TGCCAGTG GGCTAGCTACAACGA ACTGCAAT	20059
1984	AAGUUCCU A UCUCGUCA	258	TGACGAGA GGCTAGCTACAACGA AGGAACTT	20060
2114	AGACUCAU A CAUAGUGG	282	CCACTATG GGCTAGCTACAACGA ATGAGTCT	20062
2191	AAGCCUUU A CAACCACC	291	GGTGGTTG GGCTAGCTACAACGA AAAGGCTT	20063
2532	GUGUUCAU A CACAAUGA	343	TCATTGTG GGCTAGCTACAACGA ATGAACAC	20064
2564	GGACCGGU A CAAGUAUU	345	AATACTTG GGCTAGCTACAACGA ACCGGTCC	20065
2570	GUACAAGU A UUACCCUG	346	CAGGGTAA GGCTAGCTACAACGA ACTTGTAC	20066
2573	CAAGUAUU A CCCUGAAA	348	TTTCAGGG GGCTAGCTACAACGA AATACTTG	20067
2640	UGCGGUCU A CGAUCAGU	356	ACTGATCG GGCTAGCTACAACGA AGACCGCA	20068
2759	GGGAAUGU A CAAGUCAG	370	CTGACTTG GGCTAGCTACAACGA ACATTCCC	20069
2833	GAAAGAGU A UUUUAUUU	376	AAATAAAA GGCTAGCTACAACGA ACTCTTTC	20070
2838	AGUAUUUU A UUUGCACC	380	GGTGCAAA GGCTAGCTACAACGA AAAATACT	20071
3068	CCUGUCCU A UUGGAUUG	413	CAATCCAA GGCTAGCTACAACGA AGGACAGG	20072
3094	UCAAUGAU A CGUGGAAG	417	CTTCCACG GGCTAGCTACAACGA ATCATTGA	20073
3139	AAUCAUGU A CGUGGCCU	423	AGGCCACG GGCTAGCTACAACGA ACATGATT	20074
3157	AGACGCAU A CCUUGUGG	424	CCACAAGG GGCTAGCTACAACGA ATGCGTCT	20075
3198	UUGAUAAU A CCAGUCAC	430	GTGACTGG GGCTAGCTACAACGA ATTATCAA	20076
3248	ACCUGGGU A CAAGACAC	434	GTGTCTTG GGCTAGCTACAACGA ACCCAGGT	20077
3305	CUUCGAUU A CUGCCCAG	440	CTGGGCAG GGCTAGCTACAACGA AATCGAAG	20078
3319	CAGGAACU A CGGUCACC	441	GGTGACCG GGCTAGCTACAACGA AGTTCCTG	20079
3423	UGCACCUU A CCACCACU	448	AGTGGTGG GGCTAGCTACAACGA AAGGTGCA	20080
3437	ACUGCGCU A CCAAACUG	449	CAGTTTGG GGCTAGCTACAACGA AGCGCAGT	20081
3461	CUGUUGGU A UGGUAUGG	451	CCATACCA GGCTAGCTACAACGA ACCAACAG	20082

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1937 GARUSCUU A UARUSCUU			13	able VI	
1539	3466	GGUAUGGU A UGGAGAUC	452	GATCTCCA GGCTAGCTACAACGA ACCATACC	20083
19514 URCCAGGUU A UNGUIAUUG	3527	GAAUGCUU A UAAUGCUG	457	CAGCATTA GGCTAGCTACAACGA AAGCATTC	20084
1616	3538	AUGCUGAU A UGAUUGAC	459	GTCAATCA GGCTAGCTACAACGA ATCAGCAT	20085
3677 GGGGCAUU A CUURCACU 485 AGTOTAAG GGCTAGCTACAACGA AATGCCCC 2008 3677 CAUUACUU A CACUADUG 487 CATCAGTG GGCTAGCTACAACGA AAGTARTG 2008 3695 GAUUGUGUU A CACUADUG 489 ACATAGGG GGCTAGCTACAACGA AAGTARTG 2008 3695 GUURAGGCU A UGUCALCU 490 ABATGACA GGCTAGCTACAACGA AACACATC 2008 3695 GUURAGGCU A UGUCALCU 490 ABATGACA GGCTAGCTACAACGA ACCAGTAC 2009 37950 GACGUGGUU A CACUAGGG 501 GCCAAGTG GGCTAGCTACAACGA ACCAGTC 2009 37950 UUCAAGAU A CACACGU 506 ACTGGTG GGCTAGCTACAACGA ACCAGTC 2009 37950 UUCAAGAU A CACACGU 506 ACTGGTG GGCTAGCTACAACGA ATCTTGAA 2009 37931 CAGUGUUU A UGUGUGCA 509 TCCCACCA GGCTAGCTACAACGA ATCTTGAA 2009 37931 CAGUGUUU A UCACAGAU 528 CATCGTGA GGCTAGCTACAACGA ATCTTCCA 2009 39511 UGAAGGAU A CUGAGAGG 539 GCTCTCCAG GGCTAGCTACAACGA ATCATCCA 2009 4046 GGAUGUUGU A CAGGAUAC 551 GTTCCTCG GGCTAGCTACAACGA ATCATCCA 2009 4046 GGAUGUGU A CAGGAUAC 551 GTTCCTCG GGCTAGCTACAACGA ATCATCCA 2009 4046 GGAUGUGU A CAGGAUAC 551 GTTCCTCG GGCTAGCTACAACGA ACCATCC 2009 4046 GGAUGUGU A CAGGAUAC 552 ACACGCA GGCTAGCTACAACGA ACCATCC 2009 4046 GGAUGUGU A CAGGAUAC 555 CACAACCA GGCTAGCTACAACGA ACCATCC 2009 4046 GGAUGUGU A UGCUGUGU 552 AACACGA GGCTAGCTACAACGA ACCATCC 2009 4046 GGAUGUGU A UGCUGUGU 559 GCCAAGCA GGCTAGCTACAACGA ACCATCC 2009 4041 4040	3634	UGCCAGCU A UACUGAUU	476	AATCAGTA GGCTAGCTACAACGA AGCTGGCA	20086
1577	3636	CCAGCUAU A CUGAUUGC	477	GCAATCAG GGCTAGCTACAACGA ATAGCTGG	20087
3599	3673	GGGGCAUU A CUUACACU	485	AGTGTAAG GGCTAGCTACAACGA AATGCCCC	20088
1595	3677	CAUUACUU A CACUGAUG	487	CATCAGTG GGCTAGCTACAACGA AAGTAATG	20089
3750	3690	GAUGUGUU A CGCUAUGU	489	ACATAGCG GGCTAGCTACAACGA AACACATC	20090
3780	3695	GUUACGCU A UGUCAUCU	490	AGATGACA GGCTAGCTACAACGA AGCGTAAC	20091
3793	3750	GACGUGGU A CACUUGGC	501	GCCAAGTG GGCTAGCTACAACGA ACCACGTC	20092
3878	3780	UUCAAGAU A CAACCAGU	506	ACTGGTTG GGCTAGCTACAACGA ATCTTGAA	20093
3951	3793	CAGUGUUU A UGGUGGCA	509	TGCCACCA GGCTAGCTACAACGA AAACACTG	20094
4046 GGAUGUGU A CAGGAUAC 551	3878	AAUGGCUU A UCACGAUG	528	CATCGTGA GGCTAGCTACAACGA AAGCCATT	20095
4053 UACAGGAU A CUGCUGUU 552 AACAGCAG GGCTAGCTACAACGA ATCCTGTA 4134 AGUCUGCO A UCGUUGGC 559 6CCAAGCA GGCTAGCTACACGA ACCAGAACACCA 4321 CANUGACU A UCGUGGGG 584 CCCCGGCA GGCTAGCTACACGA ACCAGAACACACACACACACACACACACACACA	3951	UGGAUGAU A CUGAGAGC	539	GCTCTCAG GGCTAGCTACAACGA ATCATCCA	20096
4134	4046	GGAUGUGU A CAGGAUAC	551		20097
4321 CAAUGACU A UCGCGGGG 584 CCCCGCGA GGCTAGCTACAACGA AGTCATTG 2010 4372 CAACAGAU A UGUGGAUU 596 AATCCACA GGCTAGCTACAACGA AGTCATTGTG 4231 CAGAAAUU A CAGGCUCG 602 CCAGGCTG GGCTAGCTACAACGA ATCTCTG 4509 UGGAAGAU A UGGAUGCU 611 AGCATCCA GGCTAGCTACAACGA ATCTCCA 2010 4509 UGGAAGAU A UGGAUGCU 611 AGCATCCA GGCTAGCTACAACGA ATCTCCA 2010 4547 UAGUGCGU A CACCCCCU 618 AGGGGGTG GGCTAGCTACAACGA ATCTCCA 2010 4547 UAGUGGU A CACCACCU 618 AGGGGTG GGCTAGCTACAACGA ATCTCCA 2010 4547 UAGUGCGU A CACCACCU 618 AGGGGTG GGCTAGCTACAACGA ATCTCCTT 2010 4649 AAAGGAGU A CACAAAGA 630 TCTTTGTG GGCTAGCTACAACGA ATCTCCTT 2010 4649 AAAGGAGU A CACAAAGA 630 TCTTTTGTG GGCTAGCTACAACGA ATCTCCTT 2010 4679 CGGCGGUU A CAGGAUCA 636 TGATCCTG GGCTAGCTACAACGA ACTCCCTT 2010 4712 CGGCAGUU A UCAAGCAG 641 CTGCTTGA GGCTAGCTACAACGA ACTCCCG 2010 4765 UUUGGCAU A CACAAAA 650 TTTTGTTG GGCTAGCTACAACGA ATGGCCG 2010 4765 UUUGGCAU A CACAAAA 650 TTTTGTTG GGCTAGCTACAACGA ATGGCCG 2010 4765 UUUGGCUU A UGAGGAC 659 GTCCCCG GGCTAGCTACAACGA ATGGCCG 2011 5060 UGGGCUUU A UGGCAUG 678 CATTGCA GGCTAGCTACAACGA ATGGCCC 2011 5070 CGGCUCAU A CAUAAGCG 682 CGCTTATG GGCTAGCTACAACGA ACAAGCT 2011 5081 CGGCUCAU A CAUAAGCG 682 CGCTTATG GGCTAGCTACAACGA ACAGCCA 2011 5093 CGGCUCAU A CAUAAGCG 682 CGCTTATG GGCTAGCTACAACGA ACAGTGAT 2011 5339 CAUCCGGU A CCAGACAU 702 ATGTCTG GGCTAGCTACAACGA ACAGTGAT 2011 5340 GUCAUGCU A CCAGACAU 702 ATGTCTG GGCTAGCTACAACGA ACAGTGAT 2011 5540 GUCAUGCU A CCAGACAU 702 ATGTCTG GGCTAGCTACAACGA ACAGTGAT 2011 55510 AAGAGGUU A CAUCUCCA 724 TGGAATG GGCTAGCTACAACGA ACCTGAT 2011 55510 AAGAGGUU A CAUCUCCA 724 TGGAATG GGCTAGCTACAACGA ACCTGTC 2011 55510 AAGAGGUU A CAUCUCCA 724 TGGAATG GGCTAGCTACAACGA ACCTGTC 2011 55510 AAGAGGUU A CAUCUCCA 724 TGGAAATG GGCTAGCTACAACGA ACCTGTC 2011 55510 AAGAGGUU A CAUCUCCA 724 TGGAAATG GGCTAGCTACAACGA ACCTGTC 2011 55510 AAGAGGUU A CAUCUCCA 724 TGGAAATG GGCTAGCTACAACGA ACCTGTC 2011 55619 UCCGACUU A CAGCGGGA 752 TCCCGGTG GGCTACCAACGA ACCTGTC 2012 5657 CUCUGGAU A CGAGCGG 750 TCCATCTG GGCTACCAACGA ACCTGTC 2012 5657 CUCUGGAU A CACCAGGA 750 TCCATCTG GGCTACCAAC	4053	UACAGGAU A CUGCUGUU	552	AACAGCAG GGCTAGCTACAACGA ATCCTGTA	20098
4372 CANCAGAU A UGUGGAUU 596 AATCCACA GGCTAGCTACAACGA ATCTGTTG 2010 4423 CAGAAAUU A CAGGCUG 602 CGAGCCTG GGCTAGCTACAACGA ATCTTCTG 2010 4599 UGGAAGAU A UGGAUGCU 611 AGCATCCA GGCTAGCTACAACGA ATCTTCCA 2010 4547 UAGUGCGU A CACCCCCU 618 AGGGGGTG GGCTAGCTACAACGA ATCTTCCA 2010 4547 UAGUGCGU A CACCACCC 618 AGGGGGTG GGCTAGCTACAACGA ACGCACTA 2010 4601 UCUCCAAU A CACAAAGA 630 TCTTTGTG GGCTAGCTACAACGA ACGCACTA 2010 4619 AAAGGAGU A CAAAAAGG 634 CCTTTTG GGCTAGCTACAACGA ACGCACTT 2010 4619 AAAGGAGU A CAAAAAGG 634 CCTTTTTG GGCTAGCTACAACGA ACGCCG 2010 4712 CGGCGGUU A CAAGACAC 636 TACTCCTT 2010 4712 CGGCAGUU A UCAAGCAG 641 CTGCTTGA GGCTAGCTACAACGA ACGCCG 2010 4712 CGGCAGUU A UCAAGCAG 641 CTGCTTGA GGCTAGCTACAACGA ATGCCCG 2010 4814 GGACCCAU A CUGGGGCA 653 TCCCCCAG GGCTAGCTACAACGA ATGCCAAA 2010 4814 GGACCCAU A CUGGGGCA 653 TCCCCCAG GGCTAGCTACAACGA ATGCCAAA 2010 4814 ACUUUGUU A CGGAGGAC 659 GTCCTCCG GGCTAGCTACAACGA ATGCGAAC 2011 5060 UGGGCUUU A UGGCAUG 678 CATTGCCA GGCTAGCTACAACGA ACAACAC 2011 5060 UGGGCUUU A UGGCAUG 678 CATTGCCA GGCTAGCTACAACGA ACGACCCA 2011 5093 CGCCCAU A CAUAACG 682 CGCTTATG GGCTAGCTACAACGA ATGAGCCCA 2011 5339 CAUCCAGU A CUGGAUCU 689 AGATCCAG GGCTAGCTACAACGA ACGAGCCA 2011 5339 CAUCCAGU A CCAGACAU 702 ATGTCTG GGCTAGCTACAACGA ACGAGCCA 2011 5339 CAUCCAGU A CCAGACAU 702 ATGTCTG GGCTAGCTACAACGA ACGAGGAT 2011 5447 GCCGAACU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA ACGAGGAT 2011 5510 AAGAGGUU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA ACGTGGAT 2011 5510 AAGAGGUU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA ACGTGGT 2011 5510 AAGAGGUU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA ACCTGTTC 2011 5510 AAGAGGUU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA ACCTGTTC 2011 5510 AAGAGGUU A CAACCUGA 724 TGGAAGAG GGCTAGCTACAACGA ACCTCTT 2011 5510 AAGAGGUU A CAACCUGA 725 GGCTAGGTACAACGA ACGTGAC 2011 5510 AAGAGGUU A CAACCUGA 726 GGCTAGGTACAACGA ACGTGAC 2012 5783 CUUUGCU A CAACAGA 775 TCCCCGGG GGCTAGCTACAACGA ACGTGCT 2012 5783 AAAGUUU A CGACAGGA 750 GCCCCCC GGCTAGCTACAACGA ACGTCTCT 2012 5824 AAGGUU A CAACAACA 774 TTTTGTG GGCTAGCTACAACGA ACGTCTCT 2012 5825 G	4134	AGUCUGCU A UGCUUGGC	559	GCCAAGCA GGCTAGCTACAACGA AGCAGACT	20099
4423 CAGARAUU A CAGGCUCG 602 CGAGCCTG GGCTAGCTACAACGA AATTTCTG 2010 4509					20100
4509 UGGARGAU A UGGAUGCU 611 AGCATCCA GGCTAGCTACAACGA ATCTTCCA 2010 4547 UAGUGCGU A CACCCCCU 618 AGGGGGT GGCTAGCTACAACGA ACCACTA 2010 4601 UCUCCAAU A CACAAAGA 630 TCTTTGTG GGCTAGCTACAACGA ACCACTA 2010 4649 AAAGGAGU A CACAAAGA 630 TCTTTGTG GGCTAGCTACAACGA ACCACCTT 2010 4679 CGGCGUCU A CAGGAUCA 636 TCATCCTG GGCTAGCTACAACGA ACCACCTT 2010 4712 CGGCAGUU A UCAAGCAG 641 CTGCTTGA GGCTAGCTACAACGA ACCTCCTG 2010 4715 UUUGGCAU A UCAAGCAG 641 CTGCTTGA GGCTAGCTACAACGA ACCTCCCG 2010 4716 UUUGGCAU A CACAAAA 650 TTTTGTTG GGCTAGCTACAACGA ACCGCCG 2010 4716 UUUGGCAU A CACAAAA 650 TTTTTGTTG GGCTAGCTACAACGA ACTGCCG 2010 4814 GGACCCAU A CUGGGGCA 653 TGCCCCAG GGCTAGCTACAACGA ACCGCCA 2011 4847 ACUUUGUU A CGGAGGAC 659 GTCCTCCG GGCTAGCTACAACGA ACCAACGT 2011 5060 UGGGCUUU A UGGAGGAC 679 CACTGCCAC GGCTAGCTACAACGA ACCAACGT 2011 5093 CGGCUCAU A CUGAGACG 662 CGCTTATG GGCTAGCTACAACGA ACCAACGT 2011 5093 CGGCUCAU A CUGAGACG 662 CGCTTATG GGCTAGCTACAACGA ACAGACCC 2011 5184 AUCACUGU A CUGAACCG 682 CGCTTATG GGCTAGCTACAACGA ACAGCCCA 2011 53349 CAUCCAGGU A CCAGACAU 702 ATGTCTGG GGCTAGCTACAACGA ACGGCCG 2011 5404 GUCAUGCU A CCCUCACC 709 GGTGAGGG GGCTAGCTACAACGA ACCTCCTT 2011 5404 GUCAUGCU A CCCUCACC 709 GGTGAGGG GGCTAGCTACAACGA ACCTCTT 2011 5510 AAGAGGUU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA ACCTCTT 2011 5510 AAGAGGUU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA ACCTCTT 2011 5510 AAGAGGUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ACCTCTT 2011 5510 AAGAGGUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ACCTCTT 2011 5510 AAGAGGUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ACCTCTT 2012 5511 ACCACGAU A CACCUGA 750 TCACTTCG GGCTAGCTACAACGA ACCTCTT 2012 5512 CUCUGGAU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ACCTCTT 2012 5513 ACUUUGCU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ACCTCTT 2012 5510 ACGACAU A CACCUGA 750 TCACTCG GGCTAGCTACAACGA ACCTCTT 2012 5615 CUCUGGAU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ACCTCTT 2012 5739 CUUUGCCU A CAACAGA 774 TCAGTCTG GGCTAGCTACAACGA ACCACTTT 2012 5616 CACAGAAU A UCUGAAAU 766 ATTCTAGA GGCTAGCTACAACGA ACCACTTT 2012 5617 GCUAGAU A UGCAACAA 774					20101
4547 UAGUGCGU A CACCCCCU 618 AGGGGTG GGCTAGCTACAACGA ACGCACTA 2010 4601 UCUCCAAU A CACAAAGA 630 TCTTTGTG GGCTAGCTACAACGA ACTGCAGA 4649 AAAGGAGU A CAAAAAGG 634 CCTTTTT GGCTAGCTACAACGA ACTCCTTT 2010 4649 AAAGGAGU A CAGAAAAG 636 TGATCCTG GGCTAGCTACAACGA ACTCCTTT 2010 4679 CGGCGUCU A CAGGAUCA 636 TGATCCTG GGCTAGCTACAACGA ACTCCTTT 2010 4712 CGGCAGUU A UCAAGCAG 641 CTGCTTGA GGCTAGCTACAACGA ACTCCCG 2010 4715 UUUGGCAU A CAACAAAA 650 TTTTTTTT GGCTAGCTACAACGA ACTCCCGA 2010 4765 UUUGGCAU A CAGGAGAC 653 TGCCCCAG GGCTAGCTACAACGA ACCACAACA 2010 4847 ACUUUGUU A CGGAGGAC 659 GTCCTCCG GGCTAGCTACAACGA ACAAAGT 2011 5060 UGGGCUCAU A CAUAAACG 669 CTCTCCG GGCTAGCTACAACGA AAAGCCCA 2011 5093 CGGCUCAU A CAUAAACG 682 CGCTTATG GGCTAGCTACAACGA ACAAAGT 2011 5339 CAUCCGGU A CAUAAACC 682 CGCTTATG GGCTAGCTACAACGA ACAAGTAT 2011 5339 CAUCCGGU A CCAGACAU 702 ATGTCTGG GGCTAGCTACAACGA ACAGTGAT 2011 5404 GUCAUGCU A CCCUCACC 709 GGTAGGGG GGCTAGCTACAACGA ACGGATGT 2011 5510 AAGAGGUU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA ACCTCTT 2011 5510 AAGAGGGU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA ACTCCCCC 2011 5510 AAGAGGUU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA ATTCCGC 2011 5510 AGGACGU A CACCUGAC 730 GTCAGGAA GGCTACACGA ATTCCGC 2011 5510 ACGCAACU A CACCUGA 745 TCAGTCTTG GGCTACACCAA ACCTCTT 2011 5510 CCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ATTCCGC 2011 5510 AAGAGGUU A CACCUGAC 730 GTCAGGAA GGCTACACGA ATTCCGC 2011 5510 AAGAGGUU A CACACUGA 745 TCAGTCTG GGCTAGCTACAACGA ATTCCGC 2011 5510 CCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ATTCCGC 2012 5517 CUCUGGAU A CAACAGGG 767 TCCATCG GGCTAGCTACAACGA ATTCCGC 2012 5518 AAAGUCGU A CAACAGGG 750 TCCATCG GGCTAGCTACAACGA ATTCCTGG 2012 5519 UCCGACUU A CAGACUGA 745 TCCATCG GGCTAGCTACAACGA ACCTCTT 2012 57795 GACGGAU A UCUAGAAC 774 TTTTGG GGCTAGCTACAACGA ACCTCTT 2012 5795 GACGGAU A CACCAGACA 774 TTTTGG GGCTAGCTACAACGA ACCACATT 2012 5614 UCAACUCU A CAGACGG 767 CCCCCCA GGCTAGCTACAACGA ACCACATT 2012 5614 CACACUU A CAGACGG 767 TCCATCA GGCTAGCTACAACGA ACCACATT 2012 6029 UGAUGAGUU A UCACAACA 774 TTTTACCA GGCTAGCTACAACGA	-		 		20102
4601 UCUCCANU A CACANAGA 630 TCTTTGTG GGCTAGCTACANCGA ATTGGAGA 2010 4649 ANAGGAGU A CANANAGG 634 CCTTTTTG GGCTAGCTACANCGA ACTCCTTT 2010 4679 CGGCGUCU A CAGGAUCA 636 TGATCCTG GGCTAGCTACANCGA AGNCGCCG 2010 4712 CGGCAGUU A UCAAGCAG 641 CTGCTTGA GGCTAGCTACANCGA AGNCGCCG 2010 4715 UUUGGCAU A CAACANAA 650 TTTTGTTG GGCTAGCTACANCGA ARCTCCCG 2010 4716 UUUGGCAU A CAACANAA 650 TTTTGTTG GGCTAGCTACANCGA ARCTCCCG 2010 4718 ACUUUGUU A CGGAGGAC 653 TGCCCAG GGCTAGCTACANCGA ATGCCAAA 2010 4814 GGACCCAU A CAACANAA 650 TTTTGTTG GGCTAGCTACANCGA ATGCCAAA 2010 5060 UGGGCUUU A UGGCANUG 678 CATTGCCA GGCTAGCTACANCGA ANAGCCCA 2011 5093 CGGCUCAU A CAUNAGCG 662 CGCTTATTG GGCTAGCTACANCGA ANAGCCCA 2011 5184 AUCACUGU A CUGAGACU 689 AGATCCAG GGCTAGCTACANCGA ACGAGTGAT 2011 5184 AUCACUGU A CUGAGCCU 689 AGATCCAG GGCTAGCTACANCGA ACGAGTGAT 2011 5339 CAUCCGGU A CCAGACAU 702 ATGTCTG GGCTAGCTACANCGA ACGAGTGAT 2011 5447 GCCGAACU A CANCCUGU 714 ACAGGTG GGCTAGCTACANCGA ACCGGATG 2011 5510 AAGAGGUU A CUUUCCA 724 TGGAATG GGCTAGCTACANCGA AGCTGAC 2011 5510 AAGAGGUU A CUUUCCA 724 TGGAATG GGCTAGCTACANCGA AGCTCTT 2011 5510 UCCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACANCGA AGCTCTT 2011 5510 CACAGACU A CARCCUGU 714 ACAGGTTG GGCTAGCTACANCGA AGCTCGGC 2011 5510 AAGAGGUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACANCGA AGCTCGGC 2011 5510 CACAGACU A CAGACUGA 750 TCCATTCG GGCTAGCTACANCGA AGCTCGGC 2011 5510 CUCUGACU A CAGACUGA 750 TCCATTCG GGCTAGCTACANCGA AGCTCGGA 2012 5675 CACAGANU A CACCGGGA 752 TCCCGGTG GGCTAGCTACANCGA AGCTCGGA 2012 5675 CACAGANU A CACCGGGA 752 TCCCGGTG GGCTAGCTACANCGA AGCTCGGA 2012 5739 CUUUGCCU A CAACGUGC 762 GCACCTTG GGCTAGCTACANCGA AGCTCGGA 2012 5675 CACAGANU A CACCGGGA 752 TCCCGGTG GGCTAGCTACANCGA AGCTCGGA 2012 5675 CACAGANU A CACCGGGA 752 TCCCGGTG GGCTAGCTACANCGA AGCACGA CGACTTT 2012 5739 CUUUGCCU A CAACGUGC 762 GCACCTTG GGCTAGCTACANCGA ACCTCGGA 2012 5603 AAUUUGUU A CAACGUG 762 GCACCTTG GGCTAGCTACANCGA ACCTCGTC 2012 5739 CUUUGCCU A CAACGUG 762 GCACCTTG GGCTAGCTACANCGA ACCTCGTC 2012 5739 CUUUGCCU A CAACGUG 762 GCACCTTG GGCTAGCTACANCGA ACCTCTTC 2013 6166 GAG					20103
4649 AAAGGAGU A CAAAAAGG 634 CCTTTTTG GGCTAGCTACAACGA ACTCCTTT 2010 4679 CGGCGUUU A CAGGAUCA 636 TGATCCTG GGCTAGCTACAACGA ACCGCCG 2010 4712 CGGCAGUU A UCAAGCAG 641 CTGCTTGA GGCTAGCTACAACGA ACTCCCG 2010 4765 UUUGGCAU A CACAAAA 650 TTTTGTTG GGCTAGCTACAACGA ATGGCTACAACGA 2010 4814 GGACCCAU A CUGGGGCA 653 TGCCCCG GGCTAGCTACAACGA ATGGGTCC 2011 5060 UGGGCUUU A UGGCAAUG 678 CATTGCCA GGCTAGCTACAACGA ACAAAGT 2011 5093 CGGCUCAU A CAUAAGCG 662 CGCTTATTG GGCTAGCTACAACGA ACAGTGAT 2011 5339 CAUCCGGU A CUGGAUCU 689 AGATCCAG GGCTAGCTACAACGA ACAGTGAT 2011 5404 GUCAUGCGU A CCACACAU 702 ATGTCTGG GGCTAGCTACAACGA ACCGATG 2011 5447 GCCGAACU A CCACCACU 709 AGGTGAGG GGCTAGCTACAACGA ACCTGATC 2011 5510 AAGAGGUU A CAUCUCA 724 TGGAAATG GGCTAGCTACAACGA ACCTCTT 2011 5550 GCGGCAAU A UUCAUGAC 730 GTCATGAA GGCTAGCTACAACGA ATTCCGC <td></td> <td></td> <td></td> <td></td> <td>20104</td>					20104
4679 CGGCGUCU A CAGGAUCA 636 TGATCCTG GGCTAGCTACAACGA AGACGCCG 2010 4712 CGGCAGUU A UCAGCAG 641 CTGCTTGA GGCTAGCTACAACGA AACTGCCG 2010 4765 UUUGGCAU A CACAAAA 650 TTTTGTTG GGCTAGCTACAACGA ATGCCAAA 2010 4814 GGACCCAU A CUIGGGCA 653 TGCCCCGG GGCTAGCTACAACGA ATGGGTCC 2011 4847 ACUUUGUU A CGGAGGAC 659 GTCCTCCG GGCTAGCTACAACGA AACAAGT 2011 5060 UGGGCUUU A UGGCAAUG 678 CATTGCCA GGCTAGCTACAACGA AACAGCCA 2011 5093 CGGCUCAU A CAUAAGCG 682 CGCTTATG GGCTAGCTACAACGA ACAGTGAT 2011 5184 AUCACUGU A CUGAUCU 669 AGATCCAG GGCTAGCTACAACGA ACAGTGAT 2011 5339 CAUCCGGU A CCAGACAU 702 ATGTCTGG GGCTAGCTACAACGA ACAGTGAC 2011 5447 GCCGAACU A CAACCUGU 714 ACAGGTTG GGCTACAACGA ACTCGGC 2011 5510 ACGGCAAU A UUCAUGAC 730 GTCATGAA GGCTACAACGA ACTCGCC 2011 5550 GCGGCAAU A UUCAUGAC 730 GTCATGAA GGCTACAACGA ATCTCAACGA ACTCCGG					20105
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4847 ACUUUGUU A CGGAGGAC 659 GTCCTCCG GGCTAGCTACAACGA AACAAGT 2011 5060 UGGGCUUU A UGGCAAUG 678 CATTGCCA GGCTAGCTACAACGA AAAGCCCA 2011 5093 CGGCUCAU A CAUAAGCG 682 CGCTTATG GGCTAGCTACAACGA ATGACCCG 2011 5184 AUCACUGU A CUGGAUCU 689 AGATCCAG GGCTAGCTACAACGA ATGACCCG 2011 5339 CAUCCGGU A CCAGACAU 702 ATGTCTGG GGCTAGCTACAACGA ACGTGAT 2011 5404 GUCAUGCU A CCCUCACC 709 GGTGAGGG GGCTAGCTACAACGA ACGTGAC 2011 5447 GCCGAACU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA AGCTTCTT 2011 5510 AAGAGGUU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA ACCTCTT 2011 5510 AGGAGGU A UUCAUGAC 730 GTCATGAA GGCTAGCTACAACGA ACCTCTT 2011 5619 UCCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA AACTCGGC 2011 5619 UCCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ATGCCGC 2012 5657 CUCUGGAU A CGAAUGGA 750 TCCATTCG GGCTAGCTACAACGA ATCCAGGA 2012 5675 CACAGAAU A CACCGGGA 752 TCCCGGTG GGCTAGCTACAACGA ATCCAGGA 2012 5739 CUUUGCCU A CAACGUGC 762 GGCACGTTG GGCTAGCTACAACGA ATCCAGGA 2012 5739 CUUUGCCU A CAACGUGC 762 GCACGTTG GGCTAGCTACAACGA ACGACTTT 2012 5739 CUUUGCU A CAGACUGC 762 GCACGTTG GGCTAGCTACAACGA ACGACTTT 2012 5739 CUUUGCU A CAGACUGC 762 GCACGTTG GGCTAGCTACAACGA ACGACTTT 2012 5739 CAUUGCUU A CAGACUGC 762 GCACGTTG GGCTAGCTACAACGA ACGACTTT 2012 5783 AAAGUCGU A CGAGACGG 767 CCGGTCTG GGCTAGCTACAACGA ACGACTTT 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACGACTTT 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACGACTTT 2012 5844 ACAGACAU A UCUGAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACGACTTT 2012 5995 GACGGAGU A CCCAAAAU 774 TGTTGTGA GGCTAGCTACAACGA ACGACTTT 2012 6035 GUACUGUU A UGACAACA 774 TGTTGTGA GGCTAGCTACAACGA ACGACTTC 2012 6035 GUACUGUU A UGACAACA 774 TGTTGTGA GGCTAGCTACAACGA ACGACTTC 2012 6036 GUACUGUU A UCGAGACG 795 GCCCCCA GGCTAGCTACAACGA ACGACTTC 2012 6036 GUACUGUU A UCGAGACG 795 GCCCCCA GGCTAGCTACAACGA ACGACTACC 2012 6036 GUACUGUU A UCGACACA 806 CTGGTTGG GGCTAGCTACAACGA ACCTCCTC 2013 6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA ACCTCCTC 2013 6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA ACCTCCTC 2013 6156 AGGUAUAU A					20109
5060 UGGGCUUU A UGGCAAUG 678 CATTGCCA GGCTAGCTACAACGA AAAGCCCA 2011 5093 CGGCUCAU A CAUAAGCG 682 CGCTTATG GGCTAGCTACAACGA ATGAGCCG 2011 5184 AUCACUGU A CUGGAUCU 689 AGATCCAG GGCTAGCTACAACGA ACAGTGAT 2011 5339 CAUCCGGU A CCGUCACC 709 GGTGAGGG GGCTAGCTACAACGA ACGATGAC 2011 5404 GUCAUGCU A CCCUCACC 709 GGTGAGGG GGCTAGCTACAACGA ACGTGAC 2011 5447 GCCGAACU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA ACCTCTT 2011 5510 AAGAGGUU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA ACCTCTT 2011 5550 GCGGCAAU A UUCAUGAC 730 GTCATGAA GGCTAGCTACAACGA ACCTCTT 2011 5657 CUCUGGAU A CAACGUGA 745 TCAGTCTG GGCTAGCTACAACGA ATTCCAGA 2012 56575 CUCUGGAU A CAACGUGA 750 TCCATTCG GGCTAGCTACAACGA ATTCCAGA 2012 5739 CUUUGCU A CAACGUGC 762 GCACGTTG GGCTAGCTACAACGA ATTCTGTG 2012 5783 AAAGUCGU A CGAGACGG 767 CCGTCTCG GGCTAGCTACAACGA ACGACTTT 2012					20110
5093 CGGCUCAU A CAUAAGCG 682 CGCTTATG GGCTAGCTACAACGA ATGAGCCG 2011 5184 AUCACUGU A CUGGAUCU 689 AGATCCAG GGCTAGCTACAACGA ACAGTGAT 2011 5339 CAUCCGGU A CCAGACAU 702 ATGTCTGG GGCTAGCTACAACGA ACAGTGAT 2011 5404 GUCAUGCU A CCCUCACC 709 GGTGAGGG GGCTAGCTACAACGA AGCATGAC 2011 5447 GCCGAACU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA AGTTCGGC 2011 5510 AAGAGGUA CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA AGTTCGGC 2011 5550 GCGGCAAU A UUCAUGAC 730 GTCATGAA GGCTAGCTACAACGA ATTGCCGC 2011 5619 UCCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ATTCCAGAG 2012 5657 CUUGGAU A CACCGGGA 750 TCCATTCG GGCTAGCTACAACGA ATTCTGTG 2012 5739 CUUUGCU A CAACGUGC 762 GCACGTTG GGCTAGCTACAACGA ATCTTGTG 2012 5783 AAAGUCGU A CGAGACGG 767 CCGTCTCG GGCTAGCTACAACGA ACGACTTT 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACCACTTT 201					20111
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5339 CAUCCGGU A CCAGACAU 702 ATGTCTGG GGCTAGCTACAACGA ACCGGATG 2011 5404 GUCAUGCU A CCCUCACC 709 GGTGAGGG GGCTAGCTACAACGA AGCATGAC 2011 5447 GCCGAACU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA AGCTTGGC 2011 5510 AAGAGGUU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA AACCTCTT 2011 5550 GCGGCAAU A UUCAUGAC 730 GTCATGAA GGCTAGCTACAACGA AACTCGGC 2011 5619 UCCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ATCCAGGG 2012 5657 CUCUGGAU A CGAAUGGA 750 TCCATTCG GGCTAGCTACAACGA ATCCAGGG 2012 5675 CUCUGGAU A CAACGGGA 752 TCCCGTG GGCTAGCTACAACGA ATCCAGGA 2012 5739 CUUUGCCU A CAACGGG 762 GCACGTTG GGCTAGCTACAACGA AGGCAAAG 2012 5783 AAAGUCGU A CGAGACGG 767 CCGTCTCG GGCTAGCTACAACGA ACCACTT 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACCACAGA ACTCCGTC 2012 5830 ACUUUGU A UCGGUAA 774 TGTTGGG GGCTAGCTACAACGA ACCACA					
5404 GUCAUGCU A CCCUCACC 709 GGTGAGGG GGCTAGCTACAACGA AGCATGAC 2011 5447 GCCGAACU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA AGTTCGGC 2011 5510 AAGAGGUU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA AACCTCTT 2011 5550 GCGGCAAU A UUCAUGAC 730 GTCATGAA GGCTAGCTACAACGA ATCCGGC 2011 5619 UCCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA ATCCAGAG 2012 5657 CUCUGGAU A CGAAUGGA 750 TCCATTCG GGCTAGCTACAACGA ATCCAGAG 2012 5675 CACAGAAU A CACCGGGA 752 TCCCGGTG GGCTAGCTACAACGA ATTCTGTG 2012 5739 CUUUGCCU A CAACGUGC 762 GCACGTTG GGCTAGCTACAACGA AGGCAAAG 2012 5783 AAAGUCGU A CGAGACGG 767 CCGTCTCG GGCTAGCTACAACGA ACCCCTTC 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACCACCTT 2012 5830 ACUUUGUU A UCACAACA 774 TGTTGTGA GGCTAGCTACAACGA ACCACAACAA ACCACAACAA ACCACAACAA ACCACAACA					+
5447 GCCGAACU A CAACCUGU 714 ACAGGTTG GGCTAGCTACAACGA AGTTCGGC 2011 5510 AAGAGGUU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA AACCTCTT 2011 5550 GCGGCAAU A UUCAUGAC 730 GTCATGAA GGCTAGCTACAACGA ATTGCCGC 2011 5619 UCCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA AAGTCGGA 2012 5657 CUCUGGAU A CGAAUGGA 750 TCCATTCG GGCTAGCTACAACGA ATCCAGAG 2012 5675 CACAGAAU A CACCGGGA 752 TCCCGGTG GGCTAGCTACAACGA ATCCAGAG 2012 5739 CUUUGCCU A CAACGUGC 762 GCACGTTG GGCTAGCTACAACGA AGGCAAGG 2012 5783 AAAGUCGU A CGAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACGACTTT 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACCACTCCTC 2012 5830 ACUUUGUU A UCACAACA 774 TGTTGTGA GGCTAGCTACAACGA ACGACTGT 2012 5844 ACAGACGU A UCUGAAU 776 ATTTCAGA GGCTAGCTACAACGA ACGTCCAC 2012 5995 GUGGACGU A UCUGGUAGA 787 TCTACCGA GGCTAGCTACAACGA ACTCATCA <td< td=""><td></td><td></td><td></td><td></td><td> </td></td<>					
5510 AAGAGGUU A CAUUUCCA 724 TGGAAATG GGCTAGCTACAACGA AACCTCTT 2011 5550 GCGGCAAU A UUCAUGAC 730 GTCATGAA GGCTAGCTACAACGA ATTGCCGC 2011 5619 UCCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA AAGTCGGA 2012 5657 CUCUGGAU A CGAAUGGA 750 TCCATTCG GGCTAGCTACAACGA ATTCTGTG 2012 5675 CACAGAAU A CACCGGGA 752 TCCCGGTG GGCTAGCTACAACGA ATTCTGTG 2012 5739 CUUUGCCU A CAACGUGC 762 GCACGTTG GGCTAGCTACAACGA AGGCAAAG 2012 5783 AAAGUCGU A CGAGACGG 767 CCGTCTCG GGCTAGCTACAACGA ACGACTTT 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACTCCGTC 2012 5830 ACUUUGUU A UCACAACA 774 TGTTGTGA GGCTAGCTACAACGA ACACAAGT 2012 5844 ACAGACAU A UCUGAAAU 776 ATTTCAGA GGCTAGCTACAACGA ACGTCCAC 2012 6029 UGAUGAU A UCGGUAGA 787 TCTAACCAG GCTAGCTACAACGA ACTCATCA 2013 6035 GUACUGUU A UGGGGGC 795 GCCCCCCA GGCTAGCTACAACGA ACTCTCTC 20					+
5550 GCGGCAAU A UUCAUGAC 730 GTCATGAA GGCTAGCAACGA ATTGCCGC 2011 5619 UCCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCAACGA AAGTCGGA 2012 5657 CUCUGGAU A CGAAUGGA 750 TCCATTCG GGCTAGCAACGA ATCCAGAG 2012 5675 CACAGAAU A CACCGGGA 752 TCCCGGTG GGCTAGCTACAACGA ATCCAGAG 2012 5739 CUUUGCCU A CAACGUGC 762 GCACGTTG GGCTAGCTACAACGA AGGCAAAG 2012 5783 AAAGUCGU A CGAGACGG 767 CCGTCTCG GGCTAGCTACAACGA ACGACTTT 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACTCCGTC 2012 5830 ACUUUGUU A UCACAACA 774 TGTTGTGA GGCTAGCAACGA ACAAAGT 2012 5844 ACAGACAU A UCUGAAAU 776 ATTTCAGA GGCTAGCTACAACGA ACGTCCAC 2012 5995 GUGGACGU A UCGGUAGA 787 TCTACCGA GGCTAGCTACAACGA ACGTCCAC 2012 6029 UGAUGAGU A UCGGUAGA 787 TCTACCGA GGCTAGCTACAACGA ACATCAC 2013 6140 UCAAUUCU A UCGACCAG 806 CTGGTTGG GGCTAGCTACAACGA ACATCAC 2013 <					├
5619 UCCGACUU A CAGACUGA 745 TCAGTCTG GGCTAGCTACAACGA AAGTCGGA 2012 5657 CUCUGGAU A CGAAUGGA 750 TCCATTCG GGCTAGCTACAACGA ATCCAGAG 2012 5675 CACAGAAU A CACCGGGA 752 TCCCGGTG GGCTAGCTACAACGA ATTCTGTG 2012 5739 CUUUGCCU A CAACGUGC 762 GCACGTTG GGCTAGCTACAACGA AGGCAAAG 2012 5783 AAAGUCGU A CGAGACGG 767 CCGTCTCG GGCTAGCTACAACGA ACGACTTT 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACTCCGTC 2012 5830 ACUUUGUU A UCACAACA 774 TGTTGTGA GGCTAGCTACAACGA ATGTCTGT 2012 5844 ACAGACAU A UCUGAAAU 776 ATTTCAGA GGCTAGCTACAACGA ACGTCCAC 2012 5995 GUGGACGU A UCGGUAGA 787 TCTACCGA GGCTAGCTACAACGA ACGTCCAC 2012 6029 UGAUGAGU A CUGUUAUG 793 CATAACAG GGCTAGCTACAACGA ACCACAGA ACCATCAC 2012 6035 GUACUGUU A UGGGGGC 795 GCCCCCCA GGCTAGCTACAACGA ACAGTAC 2013 6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA ACCTTCTC	-	·			
5657CUCUGGAU A CGAAUGGA750TCCATTCG GGCTAGCTACAACGA ATCCAGAG20125675CACAGAAU A CACCGGA752TCCCGGTG GGCTAGCTACAACGA ATTCTGTG20125739CUUUGCCU A CAACGUGC762GCACGTTG GGCTAGCTACAACGA AGGCAAAG20125783AAAGUCGU A CGAGACGG767CCGTCTCG GGCTAGCTACAACGA ACGACTTT20125795GACGGAGU A CCCAAAAU768ATTTTGGG GGCTAGCTACAACGA ACTCCGTC20125830ACUUUGUU A UCACAACA774TGTTGTGA GGCTAGCTACAACGA ACCAAAGT20125844ACAGACAU A UCUGAAAU776ATTTCAGA GGCTAGCTACAACGA ACGACAA ATGTCTGT20125995GUGGACGU A UCGGUAGA787TCTACCGA GGCTAGCTACAACGA ACGTCCAC20126029UGAUGAGU A CUGUUAUG793CATAACAG GGCTAGCTACAACGA ACTCATCA20126035GUACUGUU A UGGGGGGC795GCCCCCCA GGCTAGCTACAACGA AACAGTAC20136140UCAAUUCU A CCAACCAG806CTGGTTGG GGCTAGCTACAACGA AGAATTGA20136162GAGAAGGU A UAUACCAU807ATGGTATA GGCTAGCTACAACGA ACCTTCTC20136164GAAGGUAU A UACCAUGG808CCATGGTA GGCTAGCTACAACGA ATACCTTC20136166AGGUAUAU A CCAUGGAU809ATCCATGG GGCTAGCTACAACGA ATACCTTC20136182UGGGGAAU A CCGGCUCA810TGAGCCGG GGCTAGCTACAACGA ATATACCT20136257GCUGGCUU A CAAGGUUG820CAACCTTG GGCTAGCTACAACGA AAGCCAGC2013					20120
5675 CACAGAAU A CACCGGGA 752 TCCCGGTG GGCTAGCTACAACGA ATTCTGTG 2012 5739 CUUUGCCU A CAACGUGC 762 GCACGTTG GGCTAGCTACAACGA AGGCAAAG 2012 5783 AAAGUCGU A CGAGACGG 767 CCGTCTCG GGCTAGCTACAACGA ACGACTTT 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACCACGTC 2012 5830 ACUUUGUU A UCACAACA 774 TGTTGTGA GGCTAGCTACAACGA ACCACAGT 2012 5844 ACAGACAU A UCUGAAAU 776 ATTTCAGA GGCTAGCTACAACGA ACCACAGT 2012 5995 GUGGACGU A UCGGUAGA 787 TCTACCGA GGCTAGCTACAACGA ACGTCCAC 2012 6029 UGAUGAGU A CUGUUAUG 793 CATAACAG GGCTAGCTACAACGA ACCTCCAC 2012 6035 GUACUGUU A UGGGGGGC 795 GCCCCCCA GGCTAGCTACAACGA ACACATAC 2012 6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA AGAATTGA 2013 6162 GAGAAGGU A UAUACCAU 807 ATGGTATA GGCTAGCTACAACGA ACCTTCTC 2013 6164 GAAGGUAU A UACCAUGG 808 CCATGGTA GGCTAGCTACAACGA ATACCTTC 2013 6166 AGGUAUAU A CCAUGGAU 809 ATCCATGG GGCTAGCTACAACGA ATACCTTC 2013 6182 UGGGGAAU A CCGGCUCA 810 TGAGCCGG GGCTAGCTACAACGA ATTCCCCA 2013					20121
5739 CUUUGCCU A CAACGUGC 762 GCACGTTG GGCTAGCTACAACGA AGGCAAAG 2012 5783 AAAGUCGU A CGAGACGG 767 CCGTCTCG GGCTAGCTACAACGA ACGACTTT 2012 5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACTCCGTC 2012 5830 ACUUUGUU A UCACAACA 774 TGTTGTGA GGCTAGCTACAACGA ACCAAAGT 2012 5844 ACAGACAU A UCUGAAAU 776 ATTTCAGA GGCTAGCTACAACGA ATGTCTGT 2012 5995 GUGGACGU A UCGGUAGA 787 TCTACCGA GGCTAGCTACAACGA ACGTCCAC 2012 6029 UGAUGAGU A CUGUUAUG 793 CATAACAG GGCTAGCTACAACGA ACTCATCA 2012 6035 GUACUGUU A UGGGGGGC 795 GCCCCCCA GGCTAGCTACAACGA ACACAGTAC 2013 6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA AGAATTGA 2013 6162 GAGAAGGU A UAUACCAU 807 ATGGTATA GGCTAGCTACAACGA ACCTTCTC 2013 6164 GAAGGUAU A UACCAUGG 808 CCATGGTA GGCTAGCTACAACGA ATACCTTC 2013 6166 AGGUAUAU A CCAUGGAU 809 ATCCATGG GGCTAGCTACAACGA ATATACCT 2013 6182 UGGGGAAU A CAAGGUUG 820 CAACCTTG GGCTAGCTACAACGA ATTCCCCA 2013	5675				20122
5783AAAGUCGU A CGAGACGG767CCGTCTCG GGCTAGCTACAACGA ACGACTTT20125795GACGGAGU A CCCAAAAU768ATTTTGGG GGCTAGCTACAACGA ACTCCGTC20125830ACUUUGUU A UCACAACA774TGTTGTGA GGCTAGCTACAACGA AACAAAGT20125844ACAGACAU A UCUGAAAU776ATTTCAGA GGCTAGCTACAACGA ATGTCTGT20125995GUGGACGU A UCGGUAGA787TCTACCGA GGCTAGCTACAACGA ACGTCCAC20126029UGAUGAGU A CUGUUAUG793CATAACAG GGCTAGCTACAACGA ACTCATCA20126035GUACUGUU A UGGGGGGC795GCCCCCCA GGCTAGCTACAACGA ACAGTAC20136140UCAAUUCU A CCAACCAG806CTGGTTGG GGCTAGCTACAACGA AGAATTGA20136162GAGAAGGU A UAUACCAU807ATGGTATA GGCTAGCTACAACGA ACCTTCTC20136164GAAGGUAU A UACCAUGG808CCATGGTA GGCTAGCTACAACGA ATACCTTC20136166AGGUAUAU A CCAUGGAU809ATCCATGG GGCTAGCTACAACGA ATATACCTT20136182UGGGGAAU A CCGGCUCA810TGAGCCGG GGCTAGCTACAACGA ATATACCT20136257GCUGGCUU A CAAGGUUG820CAACCTTG GGCTAGCTACAACGA AAGCCAGC2013	5739	CUUUGCCU A CAACGUGC			20123
5795 GACGGAGU A CCCAAAAU 768 ATTTTGGG GGCTAGCTACAACGA ACTCCGTC 2012 5830 ACUUUGUU A UCACAACA 774 TGTTGTGA GGCTAGCTACAACGA AACAAAGT 2012 5844 ACAGACAU A UCUGAAAU 776 ATTTCAGA GGCTAGCTACAACGA ATGTCTGT 2012 5995 GUGGACGU A UCGGUAGA 787 TCTACCGA GGCTAGCTACAACGA ACGTCCAC 2012 6029 UGAUGAGU A CUGUUAUG 793 CATAACAG GGCTAGCTACAACGA ACTCCATCA 2012 6035 GUACUGUU A UGGGGGGC 795 GCCCCCCA GGCTAGCTACAACGA ACACAGTAC 2013 6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA AGAATTGA 2013 6162 GAGAAGGU A UAUACCAU 807 ATGGTATA GGCTAGCTACAACGA ACCTTCTC 2013 6164 GAAGGUAU A UACCAUGG 808 CCATGGTA GGCTAGCTACAACGA ATACCTTC 2013 6166 AGGUAUAU A CCAUGGAU 809 ATCCATGG GGCTAGCTACAACGA ATATACCT 2013 6182 UGGGGAAU A CCGGCUCA 810 TGAGCCGG GGCTAGCTACAACGA ATTCCCCA 2013	5783				20124
ACUUUGUU A UCACAACA 774 TGTTGTGA GGCTAGCTACAACGA AACAAAGT 2012 5844 ACAGACAU A UCUGAAAU 776 ATTTCAGA GGCTAGCTACAACGA ATGTCTGT 2012 5995 GUGGACGU A UCGGUAGA 787 TCTACCGA GGCTAGCTACAACGA ACGTCCAC 2012 6029 UGAUGAGU A CUGUUAUG 793 CATAACAG GGCTAGCTACAACGA ACGTCCAC 2012 6035 GUACUGUU A UGGGGGGC 795 GCCCCCCA GGCTAGCTACAACGA ACCACTAC 2013 6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA AGAATTGA 2013 6162 GAGAAGGU A UAUACCAU 807 ATGGTATA GGCTAGCTACAACGA ACCTTCTC 2013 6164 GAAGGUAU A UACCAUGG 808 CCATGGTA GGCTAGCTACAACGA ATACCTTC 2013 6166 AGGUAUAU A CCAUGGAU 809 ATCCATGG GGCTAGCTACAACGA ATATACCT 2013 6182 UGGGGAAU A CCGGCUCA 810 TGAGCCGG GGCTAGCTACAACGA ATTCCCCA 2013 6257 GCUGGCUU A CAAGGUUG 820 CAACCTTG GGCTAGCTACAACGA AAGCCAGC 2013	5795	GACGGAGU A CCCAAAAU			20125
5844 ACAGACAU A UCUGAAAU 776 ATTCAGA GGCTAGCTACAACGA ATGTCTGT 2012 5995 GUGGACGU A UCGGUAGA 787 TCTACCGA GGCTAGCTACAACGA ACGTCCAC 2012 6029 UGAUGAGU A CUGUUAUG 793 CATAACAG GGCTAGCTACAACGA ACTCATCA 2012 6035 GUACUGUU A UGGGGGGC 795 GCCCCCCA GGCTAGCTACAACGA AACAGTAC 2013 6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA AGAATTGA 2013 6162 GAGAAGGU A UAUACCAU 807 ATGGTATA GGCTAGCTACAACGA ACCTTCTC 2013 6164 GAAGGUAU A UACCAUGG 808 CCATGGTA GGCTAGCTACAACGA ATACCTTC 2013 6166 AGGUAUAU A CCAUGGAU 809 ATCCATGG GGCTAGCTACAACGA ATATACCT 2013 6182 UGGGGAAU A CCGGCUCA 810 TGAGCCGG GGCTAGCTACAACGA ATTCCCCA 2013 6257 GCUGGCUU A CAAGGUUG 820 CAACCTTG GGCTAGCTACAACGA AAGCCAGC 2013		ACUUUGUU A UCACAACA			20126
5995GUGGACGU A UCGGUAGA787TCTACCGA GGCTAGCTACAACGA ACGTCCAC20126029UGAUGAGU A CUGUUAUG793CATAACAG GGCTAGCTACAACGA ACTCATCA20126035GUACUGUU A UGGGGGGC795GCCCCCCA GGCTAGCTACAACGA AACAGTAC20136140UCAAUUCU A CCAACCAG806CTGGTTGG GGCTAGCTACAACGA AGAATTGA20136162GAGAAGGU A UAUACCAU807ATGGTATA GGCTAGCTACAACGA ACCTTCTC20136164GAAGGUAU A UACCAUGG808CCATGGTA GGCTAGCTACAACGA ATACCTTC20136166AGGUAUAU A CCAUGGAU809ATCCATGG GGCTAGCTACAACGA ATATACCT20136182UGGGGAAU A CCGGCUCA810TGAGCCGG GGCTAGCTACAACGA ATTCCCCA20136257GCUGGCUU A CAAGGUUG820CAACCTTG GGCTAGCTACAACGA AAGCCAGC2013	5844	· · · · · · · · · · · · · · · · · · ·		ATTTCAGA GGCTAGCTACAACGA ATGTCTGT	20127
6029 UGAUGAGU A CUGUUAUG 793 CATAACAG GGCTAGCTACAACGA ACTCATCA 2012 6035 GUACUGUU A UGGGGGGC 795 GCCCCCA GGCTAGCTACAACGA AACAGTAC 2013 6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA AGAATTGA 2013 6162 GAGAAGGU A UAUACCAU 807 ATGGTATA GGCTAGCTACAACGA ACCTTCTC 2013 6164 GAAGGUAU A UACCAUGG 808 CCATGGTA GGCTAGCTACAACGA ATACCTTC 2013 6166 AGGUAUAU A CCAUGGAU 809 ATCCATGG GGCTAGCTACAACGA ATATACCT 2013 6182 UGGGGAAU A CCGGCUCA 810 TGAGCCGG GGCTAGCTACAACGA ATTCCCCA 2013 6257 GCUGGCUU A CAAGGUUG 820 CAACCTTG GGCTAGCTACAACGA AAGCCAGC 2013	5995	GUGGACGU A UCGGUAGA	787	TCTACCGA GGCTAGCTACAACGA ACGTCCAC	20128
6035 GUACUGUU A UGGGGGGC 795 GCCCCCA GGCTAGCTACAACGA AACAGTAC 2013 6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA AGAATTGA 2013 6162 GAGAAGGU A UAUACCAU 807 ATGGTATA GGCTAGCTACAACGA ACCTTCTC 2013 6164 GAAGGUAU A UACCAUGG 808 CCATGGTA GGCTAGCTACAACGA ATACCTTC 2013 6166 AGGUAUAU A CCAUGGAU 809 ATCCATGG GGCTAGCTACAACGA ATATACCT 2013 6182 UGGGGAAU A CCGGCUCA 810 TGAGCCGG GGCTAGCTACAACGA ATTCCCCA 2013 6257 GCUGGCUU A CAAGGUUG 820 CAACCTTG GGCTAGCTACAACGA AAGCCAGC 2013	6029	UGAUGAGU A CUGUUAUG	793		20129
6140 UCAAUUCU A CCAACCAG 806 CTGGTTGG GGCTAGCTACAACGA AGAATTGA 2013 6162 GAGAAGGU A UAUACCAU 807 ATGGTATA GGCTAGCTACAACGA ACCTTCTC 2013 6164 GAAGGUAU A UACCAUGG 808 CCATGGTA GGCTAGCTACAACGA ATACCTTC 2013 6166 AGGUAUAU A CCAUGGAU 809 ATCCATGG GGCTAGCTACAACGA ATATACCT 2013 6182 UGGGGAAU A CCGGCUCA 810 TGAGCCGG GGCTAGCTACAACGA ATTCCCCA 2013 6257 GCUGGCUU A CAAGGUUG 820 CAACCTTG GGCTAGCTACAACGA AAGCCAGC 2013	6035	GUACUGUU A UGGGGGGC	795	GCCCCCA GGCTAGCTACAACGA AACAGTAC	20130
6162 GAGAAGGU A UAUACCAU 807 ATGGTATA GGCTAGCTACAACGA ACCTTCTC 2013 6164 GAAGGUAU A UACCAUGG 808 CCATGGTA GGCTAGCTACAACGA ATACCTTC 2013 6166 AGGUAUAU A CCAUGGAU 809 ATCCATGG GGCTAGCTACAACGA ATACCTT 2013 6182 UGGGGAAU A CCGGCUCA 810 TGAGCCGG GGCTAGCTACAACGA ATTCCCCA 2013 6257 GCUGGCUU A CAAGGUUG 820 CAACCTTG GGCTAGCTACAACGA AAGCCAGC 2013	6140	UCAAUUCU A CCAACCAG	806	CTGGTTGG GGCTAGCTACAACGA AGAATTGA	20131
6164 GAAGGUAU A UACCAUGG 808 CCATGGTA GGCTAGCTACAACGA ATACCTTC 2013 6166 AGGUAUAU A CCAUGGAU 809 ATCCATGG GGCTAGCTACAACGA ATATACCT 2013 6182 UGGGGAAU A CCGGCUCA 810 TGAGCCGG GGCTAGCTACAACGA ATTCCCCA 2013 6257 GCUGGCUU A CAAGGUUG 820 CAACCTTG GGCTAGCTACAACGA AAGCCAGC 2013	6162	GAGAAGGU A UAUACCAU	807	ATGGTATA GGCTAGCTACAACGA ACCTTCTC	20132
6182 UGGGGAAU A CCGGCUCA 810 TGAGCCGG GGCTAGCTACAACGA ATTCCCCA 2013 6257 GCUGGCUU A CAAGGUUG 820 CAACCTTG GGCTAGCTACAACGA AAGCCAGC 2013	6164	GAAGGUAU A UACCAUGG	808	CCATGGTA GGCTAGCTACAACGA ATACCTTC	20133
6257 GCUGGCUU A CAAGGUUG 820 CAACCTTG GGCTAGCTACAACGA AAGCCAGC 2013	6166	AGGUAUAU A CCAUGGAU	809	ATCCATGG GGCTAGCTACAACGA ATATACCT	20134
COOL DESCRIPTION OF THE PROPERTY OF THE PROPER	6182	UGGGGAAU A CCGGCUCA	810	TGAGCCGG GGCTAGCTACAACGA ATTCCCCA	20135
6284 AGUGUCAU A CCACGACC 823 GGTCGTGG GGCTAGCTACAACGA ATGACACT 2013		GCUGGCUU A CAAGGUUG	820	CAACCTTG GGCTAGCTACAACGA AAGCCAGC	20136
			823	GGTCGTGG GGCTAGCTACAACGA ATGACACT	20137
		CAGGGUGU A CUCGGAUC	838	GATCCGAG GGCTAGCTACAACGA ACACCCTG	20138
			858	CCACAACG GGCTAGCTACAACGA ACATGGTG	20139
			868	ACACTCAA GGCTAGCTACAACGA AAGGCAAT	20140
			870	AGGAAGAA GGCTAGCTACAACGA ACTCCCAT	20141
				TCACAGCG GGCTAGCTACAACGA ACAGTGAC	20142
					20143
7152 AGUGCACU A UUCACACU 952 AGTGTGAA GGCTAGCTACAACGA AGTGCACT 2014	/152	AGUGCACU A UUCACACU	952	AGTGTGAA GGCTAGCTACAACGA AGTGCACT	20144

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7246	UCACCGUU A CGGUAACA	969	TGTTACCG GGCTAGCTACAACGA AACGGTGA	20145
7280	UUGCCACU A UGCCUACA	977	TGTAGGCA GGCTAGCTACAACGA AGTGGCAA	20146
7286	CUAUGCCU A CAUGGUUC	978	GAACCATG GGCTAGCTACAACGA AGGCATAG	20147
7500	AAGACAGU A CGAGAAGC	1000	GCTTCTCG GGCTAGCTACAACGA ACTGTCTT	20148
7629	UCAUGUCU A UCCAUAAC	1017	GTTATGGA GGCTAGCTACAACGA AGACATGA	20149
7760	CACUAGGU A CCGCAAAG	1030	CTTTGCGG GGCTAGCTACAACGA ACCTAGTG	20150
7946	UUGGUGUU A CUAUAUGG	1051	CCATATAG GGCTAGCTACAACGA AACACCAA	20151
7949	GUGUUACU A UAUGGCAA	1052	TTGCCATA GGCTAGCTACAACGA AGTAACAC	20152
7951	GUUACUAU A UGGCAACC	1053	GGTTGCCA GGCTAGCTACAACGA ATAGTAAC	20153
7988	CAGAGGGU A CACAAAGG	1056	CCTTTGTG GGCTAGCTACAACGA ACCCTCTG	20154
8036	GCAAAGUU A UGGAUGGA	1060	TCCATCCA GGCTAGCTACAACGA AACTTTGC	20155
8081	UGUGUUCU A CAGACCUU	1065	AAGGTCTG GGCTAGCTACAACGA AGAACACA	20156
8240	CUGCCCCU A CAUGCCGA	1087	TCGGCATG GGCTAGCTACAACGA AGGGGCAG	20157
8285	ACGCCGGU A UGGGGGGG	1091	CCCCCCA GGCTAGCTACAACGA ACCGGCGT	20158
8339	CGAGAUGU A UUGGGUGA	1097	TCACCCAA GGCTAGCTACAACGA ACATCTCG	20159
8370	AAUGUGGU A CAUUCAGU	1102	ACTGAATG GGCTAGCTACAACGA ACCACATT	20160
8383	CAGUGAAU A UGACCAGC	1105	GCTGGTCA GGCTAGCTACAACGA ATTCACTG	20161
8441	ACCCCAAU A CGAGGAAG	1108	CTTCCTCG GGCTAGCTACAACGA ATTGGGGT	20162
8549	GCGUGAGU A CAGUUCGA	1117	TCGAACTG GGCTAGCTACAACGA ACTCACGC	20163
8585	CCACCCAU A UAGAACCU	1120	AGGTTCTA GGCTAGCTACAACGA ATGGGTGG	20164
8600	CUGGAACU A UCACGGCA	1122	TGCCGTGA GGCTAGCTACAACGA AGTTCCAG	20165
8612	CGGCAGUU A UGAUGUGA	1125	TCACATCA GGCTAGCTACAACGA AACTGCCG	20166
8701	CGAAUGUU A CCACCAUG	1136	CATGGTGG GGCTAGCTACAACGA AACATTCG	20167
8725	CUGACACU A CUCCCUUC	1137	GAAGGGAG GGCTAGCTACAACGA AGTGTCAG	20168
8801	AGUGAAGU A CGUGCUCA	1144	TGAGCACG GGCTAGCTACAACGA ACTTCACT	20169
9041	UUGCAUUU A CAACAUGA	1173	TCATGTTG GGCTAGCTACAACGA AAATGCAA	20170
9236	ACUGGGUU A CAUCCUGC	1199	GCAGGATG GGCTAGCTACAACGA AACCCAGT	20171
9278	CAAGAUCU A UGCUGAUG	1203	CATCAGCA GGCTAGCTACAACGA AGATCTTG	20172
9404	GCUCACCU A UCGUCACA	1215	TGTGACGA GGCTAGCTACAACGA AGGTGAGC	20173
9466	UGGAUGUU A UCUCCAGA	1221	TCTGGAGA GGCTAGCTACAACGA AACATCCA	20174
9509	UGUCACCU A CGCCCUAA	1227	TTAGGGCG GGCTAGCTACAACGA AGGTGACA	20175
9745	UCAAUGCU A UGUCAAAG	1249	CTTTGACA GGCTAGCTACAACGA AGCATTGA	20176
9797	UGGAUGGU A UGAUUGGC	1255	GCCAATCA GGCTAGCTACAACGA ACCATCCA	20177
9915	GCUCGCAU A UCUCCAGG	1273	CCTGGAGA GGCTAGCTACAACGA ATGCGAGC	20178
9968	UAAGUCUU A UGCCCAGA	1282	TCTGGGCA GGCTAGCTACAACGA AAGACTTA	20179
9992	GCUUCUGU A CUUCCACA	1285	TGTGGAAG GGCTAGCTACAACGA ACAGAAGC	20180
10063	GGGUCCCU A CCGGAAGA	1295	TCTTCCGG GGCTAGCTACAACGA AGGGACCC	20181
10208	CGUCCCAU A UUCAGGAA	1304	TTCCTGAA GGCTAGCTACAACGA ATGGGACG	20182
10294	AGGUGGCU A UCAACCAA	1310	TTGGTTGA GGCTAGCTACAACGA AGCCACCT	20183
10331	UGAGAAGU A UGUGGAUU	1315	AATCCACA GGCTAGCTACAACGA ACTTCTCA	20184
10340	UGUGGAUU A CAUGAGUU	1317	AACTCATG GGCTAGCTACAACGA AATCCACA	20185
10361	AAAGAGAU A UGAAGACA	1321	TGTCTTCA GGCTAGCTACAACGA ATCTCTTT	20186
10392	GACACAGU A CUGUAGAU	1325	ATCTACAG GGCTAGCTACAACGA ACTGTGTC	20187
10401	CUGUAGAU A UUUAAUCA	1327	TGATTAAA GGCTAGCTACAACGA ATCTACAG	20188
10426	UAGACAAU A UAAGUAUG	1335	CATACTTA GGCTAGCTACAACGA ATTGTCTA	20189
10432	AUAUAAGU A UGCAUAAA	1337	TTTATGCA GGCTAGCTACAACGA ACTTATAT	20190
10452	GUAGUUUU A UAGUAGUA	1343	TACTACTA GGCTAGCTACAACGA AAAACTAC	20190
10460	AUAGUAGU A UUUAGUGG	1346	CCACTAAA GGCTAGCTACAACGA ACTACTAT	
10679	ACCACGCU A CGGCGUGC	1375	GCACGCCG GGCTAGCTACAACGA AGCGTGGT	20192
10689	GGCGUGCU A CUCUGCGG	1376	CCGCAGAG GGCTAGCTACAACGA AGCACGCC	20193
10928	AACAGCAU A UUGACACC	1397	GGTGTCAA GGCTAGCTACAACGA ATGCTGTT	20194
63	CAAUUAAC A CAGUGCGA	1412		20195
85	UUCUUAGC A CGAAGAUC	1412	TCGCACTG GGCTAGCTACAACGA GTTAATTG	20196
265	UCAGGUUC A CAGCAAUU	1445	GATCTTCG GGCTAGCTACAACGA GCTAAGAA	20197
335	GAUGAAAC A CCUUCUGA	1457	AATTGCTG GGCTAGCTACAACGA GAACCTGA	20198
436	UUGCAGUC A UGAUUGGC		TCAGAAGG GGCTAGCTACAACGA GTTTCATC	20199
523	CUGACGUC A CAGAUGUC	1473	GCCAATCA GGCTAGCTACAACGA GACTGCAA	20200
532	CAGAUGUC A UCACGAUU		GACATCTG GGCTAGCTACAACGA GACGTCAG	20201
535	AUGUCAUC A CGAUUCCA	1491	AATCGTGA GGCTAGCTACAACGA GACATCTG	20202
568	ACCUAUGC A UUGUCAGA	1492	TGGAATCG GGCTAGCTACAACGA GATGACAT	20203
595	UGGGAUAC A UGUGCGAU	1500	TCTGACAA GGCTAGCTACAACGA GCATAGGT	20204
613		1503	ATCGCACA GGCTAGCTACAACGA GTATCCCA	20205
013	AUACUAUC A CUUAUGAA	1505	TTCATAAG GGCTAGCTACAACGA GATAGTAT	20206

Table VI

	61 61 61 6 1 17 Gay Green	3534	ACAGTCGA GGCTAGCTACAACGA GTCTTCTG	20202
658	CAGAAGAC A UCGACUGU	1514		20207
673	GUUGGUGC A CAAAGUCA	1516	TGACTTTG GGCTAGCTACAACGA GCACCAAC	20208
709	GAAGAUGC A CCAAGACA	1522	TGTCTTGG GGCTAGCTACAACGA GCATCTTC	20209
717	ACCAAGAC A CGCCACUC	1525	GAGTGGCG GGCTAGCTACAACGA GTCTTGGT	20210
722	GACACGCC A CUCAAGAC	1527	GTCTTGAG GGCTAGCTACAACGA GGCGTGTC	20211
744	CGGAGGUC A CUGACAGU	1531	ACTGTCAG GGCTAGCTACAACGA GACCTCCG	20212
759	GUGCAGAC A CACGGAGA	1535	TCTCCGTG GGCTAGCTACAACGA GTCTGCAC	20213
761	GCAGACAC A CGGAGAAA	1536	TTTCTCCG GGCTAGCTACAACGA GTGTCTGC	20214
772	GAGAAAGC A CUCUAGCG	1537	CGCTAGAG GGCTAGCTACAACGA GCTTTCTC	20215
808	UGGACAGC A CCAAGGCC	1543	GGCCTTGG GGCTAGCTACAACGA GCTGTCCA	20216
817	CCAAGGCC A CAAGGUAU	1547	ATACCTTG GGCTAGCTACAACGA GGCCTTGG	20217
843	ACAGAAUC A UGGAUCUU	1550	AAGATCCA GGCTAGCTACAACGA GATTCTGT	20218
886	CAGCCGUC A UUGGUUGG	1560	CCAACCAA GGCTAGCTACAACGA GACGGCTG	20219
910	GGAGCAAC A CCAUGCAG	1563	CTGCATGG GGCTAGCTACAACGA GTTGCTCC	20220
913	GCAACACC A UGCAGAGA	1565	TCTCTGCA GGCTAGCTACAACGA GGTGTTGC	20221
1023	GGAGCAAC A UGGGUGGA	1586	TCCACCCA GGCTAGCTACAACGA GTTGCTCC	20222
1066	UGACUAUC A UGUCUAAG	1591	CTTAGACA GGCTAGCTACAACGA GATAGTCA	20223
1087	AGCCUACC A UCGAUGUG	1597	CACATCGA GGCTAGCTACAACGA GGTAGGCT	20224
1174	AUCUCUCC A CCAAAGCU	1611	AGCTTTGG GGCTAGCTACAACGA GGAGAGAT	20225
1195	GCCCGACC A UGGGAGAA	1618	TTCTCCCA GGCTAGCTACAACGA GGTCGGGC	20226
1208	AGAAGCUC A CAAUGACA	1620	TGTCATTG GGCTAGCTACAACGA GAGCTTCT	20227
1303	AAGGAAGC A UUGACACA	1635	TGTGTCAA GGCTAGCTACAACGA GCTTCCTT	20228
1309	GCAUUGAC A CAUGCGCC	1636	GGCGCATG GGCTAGCTACAACGA GTCAATGC	20229
1311	AUUGACAC A UGCGCCAA	1637	TTGGCGCA GGCTAGCTACAACGA GTGTCAAT	20230
1354	GAAGAACC A UCUUGAAA	1648	TTTCAAGA GGCTAGCTACAACGA GGTTCTTC	20231
1387	AAGUGGCC A UUUUUGUC	1652	GACAAAAA GGCTAGCTACAACGA GGCCACTT	20232
1397	UUUUGUCC A UGGACCAA	1654	TTGGTCCA GGCTAGCTACAACGA GGACAAAA	20233
1421	GGAGUCGC A CGGAAACU	1659	AGTTTCCG GGCTAGCTACAACGA GCGACTCC	20234
1435	ACUACUCC A CACAGGUU	1663	AACCTGTG GGCTAGCTACAACGA GGAGTAGT	20235
1437	UACUCCAC A CAGGUUGG	1664	CCAACCTG GGCTAGCTACAACGA GTGGAGTA	20236
1450	UUGGAGCC A CUCAGGCA	1667	TGCCTGAG GGCTAGCTACAACGA GGCTCCAA	20237
1471	GAUUCAGC A UCACUCCU	1672	AGGAGTGA GGCTAGCTACAACGA GCTGAATC	20238
1474	UCAGCAUC A CUCCUGCG	1673	CGCAGGAG GGCTAGCTACAACGA GATGCTGA	20239
1491	GCGCCUUC A UACACACU	1679	AGTGTGTA GGCTAGCTACAACGA GAAGGCGC	20240
1495	CUUCAUAC A CACUAAAG	1680	CTTTAGTG GGCTAGCTACAACGA GTATGAAG	20241
1497	UCAUACAC A CUAAAGCU	1681	AGCTTTAG GGCTAGCTACAACGA GTGTATGA	20242
1542	UGUGAACC A CGGUCAGG	1687	CCTGACCG GGCTAGCTACAACGA GGTTCACA	20243
1558	GGAUUGAC A CCAAUGCA	1689	TGCATTGG GGCTAGCTACAACGA GTCAATCC	20244
1566	ACCAAUGC A UACUACGU	1692	ACGTAGTA GGCTAGCTACAACGA GCATTGGT	20245
1607	CUUGGUCC A UCGUGAGU	1698	ACTCACGA GGCTAGCTACAACGA GGACCAAG	20246
1621	AGUGGUUC A UGGACCUC	1699	GAGGTCCA GGCTAGCTACAACGA GAACCACT	20247
1701	GAGGAACC A CACGCCAC	1713	GTGGCGTG GGCTAGCTACAACGA GGTTCCTC	20248
1703	GGAACCAC A CGCCACGA	1714	TCGTGGCG GGCTAGCTACAACGA GTGGTTCC	20249
1708	CACACGCC A CGAAGCAG	1716	CTGCTTCG GGCTAGCTACAACGA GGCGTGTG	20250
1728	GUGAUAGC A UUGGGCUC	1719	GAGCCCAA GGCTAGCTACAACGA GCTATCAC	20251
1737	UUGGGCUC A CAAGAGGG	1721	CCCTCTTG GGCTAGCTACAACGA GAGCCCAA	20252
1754	AGCUCUGC A UCAAGCUU	1725	AAGCTTGA GGCTAGCTACAACGA GCAGAGCT	20253
1774	CUGGAGCC A UUCCUGUG	1730	CACAGGAA GGCTAGCTACAACGA GGCTCCAG	20254
1798	CAAGCAAC A CUGUCAAG	1735	CTTGACAG GGCTAGCTACAACGA GTTGCTTG	20255
1820	GUCGGGUC A UUUGAAGU	1738	ACTTCAAA GGCTAGCTACAACGA GACCCGAC	20256
1918	CCGCAGAC A CAGGUCAC	1752	GTGACCTG GGCTAGCTACAACGA GTCTGCGG	20257
1925	CACAGGUC A CGGCACUG	1754	CAGTGCCG GGCTAGCTACAACGA GACCTGTG	20258
1930	GUCACGGC A CUGUGGUG	1755	CACCACAG GGCTAGCTACAACGA GCCGTGAC	20259
1954	UGCAGUAC A CUGGCACG	1758	CGTGCCAG GGCTAGCTACAACGA GTACTGCA	20260
1960	ACACUGGC A CGGAUGGA	1760	TCCATCCG GGCTAGCTACAACGA GCCAGTGT	20261
2001	GUGGCUUC A UUGAACGA	1769	TCGTTCAA GGCTAGCTACAACGA GAAGCCAC	20262
2035	GAUUGGUC A CUGUCAAC	1775	GTTGACAG GGCTAGCTACAACGA GACCAATC	20263
2062	CAGUGGCC A CGGCCAAC	1783	GTTGGCCG GGCTAGCTACAACGA GGCCACTG	20264
2097	UUGGAACC A CCCUUUGG	1790	CCAAAGGG GGCTAGCTACAACGA GGTTCCAA	20265
2112	GGAGACUC A UACAUAGU	1795	ACTATGTA GGCTAGCTACAACGA GAGTCTCC	20266
2116	ACUCAUAC A UAGUGGUG	1796	CACCACTA GGCTAGCTACAACGA GTATGAGT	20267
2150	GAUCAAUC A CCAUUGGC	1801	GCCAATGG GGCTAGCTACAACGA GATTGATC	20268

2155
2176
22377
2236
2272 GGGUGUIC A CCUCAGUU 1829 AACTGAGG GGCTAGCTACAACGA GGACAGCC 20276
2294 GOCIGUC A UCAGUUU
2313 GANGGAC A UJUCCOCUC 1937 GANGGAM GECTAGCTACAACGA GCTCCTCC 20276 23282 UJUCCOGCUC A CUGUUUGG 1840 CCGAACAG GGTAGCTACAACGA GACCAGGAA 20277 2335 UJCGAGGAC A UJUCCUGG 1840 CCGAGGAC GGTAGCTACAACGA GCCCATCC 20278 2386 GANGGGC A UJCAUUGUC 1851 AGCATTGA GGCTAGCTACACGA GCCCATCC 20278 2407 AUAGGUUCA UJGGUUCU 1855 GAGACGTA GGCTAGCTACACGA GGCACTAT 20280 2416 UJCGUUUCC 1855 GAGACGTA GGCTAGCTACACGA GGACGCTAT 20280 2416 UJCGUUUCC 1855 GAGACGTA GGCTAGCTACACGA GGACGCTAT 20281 2465 GARCGUGC A CUJUGCC 1855 GAGACGTA GGCTAGCTACACGA GGACGCTAT 20281 2485 GAGCUGAC 1868 TOTCAGCG GGCTAGCTACACGA GCACGCT 20282 2485 GGUUUCCC 1857 GAGACGTA GGCTAGCTACACGA GCACGCT 20282 2485 GGUUUCCC UJGACAUU 1873 GAGGTCTAC GGCTAGCTACACGA GCACACC 20284 2491 CCAUTAGAC UCAGCCGG 1874 CCGGCTGA GGCTAGCTACACGA GGCACACC 20284 2491 CCAUTAGAC UACACCGG 1874 CCGGCTGA GGCTAGCTACACGA GGCACACC 20284 2491 CCAUTAGAC UACACCGG 1874 CCGGCTGA GGCTAGCTACACGA GGCACCC 20287 2491 CCAUTAGAC UACACCGG 1874 CCGGCTGA GGCTAGCTACACGA GGCACCC 20287 2491 CCAUTAGAC UACACCGG 1874 CCGGCTGA GGCTAGCTACACGA GGCACCC 20287 2491 CCAUTAGAC UACACCGG 1874 ATTGTOTTA GGCTAGCTACACGA GGCACCC 20287 2491 CCAUTAGAC UACACCGG 1874 ATTGTOTTA GGCTAGCTACACGA GACACCT 20287 2534 GUICAUTAC CAUTAGACA 1899 CATCATTA GGCTAGCTACACGA GACACCT 20287 2536 GALGGUUC UACACAGA 1899 CATCATTA GGCTAGCTACACGA GACACTT 20287 2536 GALGGACC CAUGAGAA 1895 TTTCTGAA GGCTAGCTACACGA GACGGTTTC 20287 2536 2
2322
2335
2386
2407 AUAGGUCC A URGCUCUC 1855 GAGAGCTA GGCTAGCTACAACGA GGACCTAT 20201 2416 UAGCUCUC A CGUUCUCU 1858 GAGAAACG GGCTAGCTACAACGA GAGAGCTA 20281 24265 GAACGUGC A CGCUGACA 1868 TGTCAGCG GGCTAGCTACAACGA GCACGTTC 20282 2473 ACGCUGAC A CUGGUGU 1870 ACACCCAG GGCTAGCTACAACGA GCACGTTC 20282 2485 GGUGUGCC A UAGACCAC 1873 GATGTCTA GGCTAGCACAGA GTCAGACC 20284 2481 CCAUAGACA A UCAGCCGG 1874 CCGGCTGA GGCTAGCTACAACGA GTCAGACC 20282 2491 CCAUAGACA A UCAGCCGG 1874 CCGGCTGA GGCTAGCTACAACGA GACACCT 20282 2530 GAGUGUUC A UACACAAU 1879 ATTGTTTA GGCTAGCTACAACGA GACACTC 20282 2534 GUUCAUAC A CAAUGAUA 1889 AGGCTTG GGCTAGCTACAACGA GACACTC 20285 2536 GAAGAGCC A CAAGGACU 1889 AGGCTTG GGCTAGCTACAACGA GACACTC 20286 2605 CCAAGAUC A UUCAGAAA 1895 TTTCTGAA GGCTAGCTACAACGA GACTCTTG 20285 2618 GAAAGCCC A UAGAGAAA 1895 TTTCTGAA GGCTAGCTACAACGA GACTCTTG 20286 2638 ACUGGACC A UCAAAUGU 1904 ACATTTGA GGCTAGCTACAACGA GACTCTTG 20291 2658 ACUGGACC A UCAAAUGU 1904 ACATTTGA GGCTAGCTACAACGA GGCTACTCACGCT 20291 2659 AAGUGAACA C UCUUUUU 1908 CAAAAGAG GGCTAGCTACAACGA GCTCCAGT 20292 2769 AAGUCAGC A CCACGAAA 1916 CGTTTAGG GGCTAGCTACAACGA GCTCCAGT 20292 2782 AACGCCC A CCACGGAA 1924 TTCCTGTG GGCTAGCTACAACGA GCTGCTACTACACGA 2782 AACGCCC A CCACGGAA 1924 TTCCTGTG GGCTAGCTACAACGA GCGGTGTAC 20294 2798 UCACCAGC A CCACGGAA 1924 TTCCTGTG GGCTAGCTACAACGA GGCGGTGTA 20294 2799 CCGCCACC A CGAGAAAA 1926 TTTCTTCG GGCTAGCTACAACGA GGCGGTGTA 20294 2791 CCGCCACC A CGAGAAAA 1926 TTTCTTCG GGCTAGCTACAACGA GAGGCGTT 20294 2798 UCACCAGC A CCACGGAA 1924 TTCCTGTG GGCTAGCTACAACGA GAGGCGTTA 20294 2798 UCACCAGC A CCACGGAA 1926 TTTCTTCG GGCTAGCTACAACGA GAGCCGTTA 20294 2956 UGGGUCC A CCAGGAACU 1930 AGTTCTGG GGCTAGCTACAACGA GAGCCTTC 20204 2957 CGCCACC A CCAGGAACU 1930 AGTTCTGG GGCTAGCTTACAACGA GAGCCTTC 20294 2958 AGGCACC A CACGGAACU 1930 AGTTCTG
2416
2465 GRACGUGC A CGCUGACA 1868 TGTCAGCG GGCTAGCTACAACGA GCACGTTC 2022 2473 ACGCUGAC A CUGGGUGU 1870 ACACCCAG GGCTAGCTACAACGA GTCAGCGGT 20284 2485 GGUGUGC A UAGACAUC 1873 GATSTCTA GGCTAGCTACAACGA GCACACC 20294 2491 CCAUMGAC A UACACAGU 1874 CCGGCTGA GGCTAGCTACAACGA GTCTAGGG 20286 2530 GAGUGUUC A UACACAAU 1879 ATTGTGTA GGCTAGCTACAACGA GTATGAAC 20286 2534 GUUCAUAC A CAAUGAUG 1889 AGCCTTG GGCTAGCTACAACGA GTATGAAC 20287 2586 GAAAGCC A CAAGGAGU 1889 AGGCTTTG GGCTAGCTACAACGA GGCTTTC 20288 2605 CCAAGAUC A UACAGANA 1895 TTTCTGAA GGCTAGCTACAACGA GGCTTTC 20290 2663 ACUGGAGC A UCAAAUGU 1904 ACATTTGAA GGCTAGCTACAACGA GCTCCAGT 20291 2769 AAGUCAGC A CCUAAACG 1916 CGTTTAGG GGCTAGCTACAACGA GCTCAGT 20292 2769 AAGUCAC A CCACCACC 1921 GGTGGGG GGCTAGCTACAACGA GGCGGTT 20294 27818 UCACCAGCC A CGACGAA 1924 TT
2473 ACGCUGAC A CUGGGUGU 1870 ACACCCAG GGCTAGCTACAACGA GTCAGCGT 20283 2485 GGUGUGC A UGAGCAGC 1873 GATSTCTA GGCTAGCTACAACGA GGCACACC 20284 2491 CCAURGAC A UCAGCAGU 1874 CCGGCTGA GGCTAGACTAACGA GTCATGACG 20286 2530 GAUGUUCA CACACAU 1879 ATTOTOTA GGCTAGCTACAACGA GAACACTC 20286 2534 GUUCAUAC A CAAUGAUG 1889 AGGCTTG GGCTAGCTACAACGA GTATGAAC 20287 2586 GAAAGCC A CAAUGABA 1895 TTTCTGAA GGCTAGCTACAACGA GGCTTTC 20286 2605 CCAAGGAC A UCAGABAA 1895 TTTCTGAA GGCTAGCTACAACGA GATCTTGG 20290 2618 GAAAGCCC A UAAGABAA 1896 CTTCCTTA GGCTAGCTACAACGA GATCTACTC 20292 2663 ACUGGAGC A UCAAAUG 1896 CATCTTAG GGCTAGCTACAACGA GATCTACTC 20292 2663 ACUGGAGC A UCAAAUG 1996 CAAAAGAG GCTAGCTACAACGA GTTCACCT 20291 2769 AAGUCAGC A CCCUUUUUG 1998 CAAAAGAG GCTAGCTACAACGA GTTCACCT 20292 2782 AACGCCUC A CCCCCCC 1921 GGTGGCGG GGCTAGCTACAACGA GGCGGTGA
2485 GGUGUGCC A UAGACAUC 1873 GATGTCTA GGCTAGCTACAACGA GGCACCC 20284 2491 CCAUAGAC A UCAGCCGG 1874 CCGGCTGA GGCTAGCTACAACGA GTCTATGG 20285 2530 GAGUGUUC A UACACAAU 1879 ATTGTTTA GGCTAGCTACAACGA GTCTATGG 20285 2534 GUUCAUAC A CAAUGAUG 1880 CATCATTG GGCTAGCTACAACGA GTATGAAC 20286 GAAACGCC CAAGGCCU 1889 AGGCCTTG GGCTAGCTACAACGA GTCTTTC 20286 2586 GAAACGCC CAAGGCCU 1889 AGGCCTTG GGCTAGCTACAACGA GGCTTTC 20287 2586 GAAACGCC AUACAGAAA 1895 TTTCTGTAA GGCTAGCTACAACGA GGCTTTC 20289 2518 GAAACGC AUACAGAAA 1895 TTTCTGTAA GGCTAGCTACAACGA GGCTTTC 20289 2618 GAAACGC AUACAGAAAC 1898 CTTCCTTA GGCTAGCTACAACGA GGCTTTC 20291 2659 AGUGGAGC AUCAAAACG 1898 CTTCCTTA GGCTAGCTACAACGA GTCCAGT 20292 2659 AGUGGAGC AUCAAAACG 1904 ACATTTGA GGCTAGCTACAACGA GTTCAGCT 20292 2769 AAGUCAGC AUCAAACG 1916 CGTTTAGG GGCTAGCTACAACGA GTTCAGCT 20292 2769 AAGUCAGC A CCGCACC 1921 GGTGGCGG GGCTAGCTACAACGA GTTCAGCTT 20292 2782 AAGGCCUC A CCGCCACC 1921 GGTGGCGG GGCTAGCTACAACGA GGTGGCTT 20294 2782 AAGGCCUC A CCGCACC 1921 GGTGGCGG GGCTAGCTACAACGA GGTGGCTT 20294 2782 ACGCCUC A CCGCACC 1921 GGTGGCGG GGCTAGCTACAACGA GGTGGCTT 20294 2782 ACGCCUC A CCGCACC 1924 TTTCCGTGG GGCTAGCTACAACGA GGTGGCT 20295 2791 CCGCCACC A CCAGGAAA 1924 TTTCCGTGG GGCTAGCTACAACGA GGTGGCGG 20295 2791 CCGCACC A CCAGGAAC 1930 AGTTCTGG GGCTAGCTACAACGA GGAAATAA 20297 2863 UCACCACC A CCAGGAAC 1930 AGTTCTGG GGCTAGCTACAACGA GCAAATAA 20297 2863 UCACCACC A CCAGGAAC 1930 AGTTCTGG GGCTAGCTACAACGA GCAAATAA 20297 2864 UUACCAGC A CCAGGAC 1949 AGTGCTGG GGCTAGCTACAACGA GCAAATAA 20297 2865 UUACCAGC A CAGGAGA 1955 CATCCCAG GGCTAGCTACAACGA GTTGCTCC 20303 3019 CGAAGAUC A UACCUUGU 1984 ACAGGTCG GGCTAGCTACAACGA GCTGCTCC 20303 3019 CGAAGAUC A UACCUUGU 1984 ACAGGTGG GGCTAGCTACAACGA GCTGCTCC 20303 3019 CGAAGAUC A UACCUUGU 19
2491
2530
2534 GUUCAURAC A CAAUGAUG 1880 CATCATTIG GGCTAGCTACAACGA GTATGAAC 20287 2586 GAAACGCC A CAAGGCCU 1889 AGGCCTTG GGCTAGCTACAACGA GGCGTTTC 20288 2618 GAAACGCC A UACAGAAA 1895 TTTCTGAA GGCTAGCTACAACGA GACCTTTG 20289 2618 GAAAGCUC A UACAGAAA 1895 TTTCTGAA GGCTAGCTACAACGA GACCTTTC 20289 2618 GAAAGCUC A UACAGAGA 1898 CTTCCTTA GGCTAGCTACAACGA GACCTTTC 20289 2653 ACUGGAGC A UCAAAUGU 1904 ACATTTGA GGCTAGCTACAACGA GCTCCAGT 20291 2658 AGGUGAAC A CUCUUUUG 1908 CAAAAGAG GGCTAGCTACAACGA GCTCCAGT 20292 2769 AAGUCAGC A CUCUUUUG 1908 CAAAAGAG GGCTAGCTACAACGA GCTCCAGT 20292 2782 AAGGCCUC A CCGCCACC 1921 GGTGGCGG GGCTAGCTACAACGA GTGGCTTT 20293 2782 AAGGCCUC A CCGCCACC 1921 GGTGGCGG GGCTAGCTACAACGA GGTGGCGT 20294 2791 CCGCCACC A CCACGGAA 1924 TTCCGTGG GGCTAGCTACAACGA GGTGGCGG 20295 2791 CCGCCACC A CGGAAAAA 1926 TTTTTCCG GGCTAGCTACAACGA GGTGGCGG 20295 2844 UUAUUUGC A CCAGAACU 1930 AGTTCTGG GGCTAGCTACAACGA GGTGGCGG 20295 2863 CCAACAAC A CCUUUGUG 1937 CACAAAGG GGCTAGCTACAACGA GAGACCAA 20297 2956 UUGGUCUC A CCAGCACU 1949 AGTGCTGG GGCTAGCTACAACGA GTGTGTG A 20299 2952 UCACCAGC A CUAGGAUG 1952 CATCCGAG GGCTAGCTACAACGA GTGTGTG A 20299 2952 UCACCAGC A CUAGGAUG 1952 CATCCGAG GGCTAGCTACAACGA GTGTGTC 20301 3019 CGAAGAUC A UUGAGAAC 1968 GGTCACTG GGCTAGCTACAACGA GTGTCTC 20301 3019 CGAAGAUC A UUGAGAGG 1968 GGTCACTG GGCTAGCTACAACGA GATCTTCG 20303 3019 CGAAGAUC A UUGACAG 1968 GGTCACTG GGCTAGCTACAACGA GATCTTCG 20303 3019 CGAAGAUC A CACUUGU 1984 ACAAGGTA GGCTAGCTACAACGA GATCTTCG 20304 3019 CGAAGAUC A CACUUGU 1984 ACAAGGTA GGCTAGCTACAACGA GATCTTCG 20305 3019 CGAAGAUC A CACUUGU 1984 ACAAGGTA GGCTAGCTACAACGA GATCTTCG 20306 3019 CGAAGAUC A CACUUGU 1984 ACAAGGTA GGCTAGCTACAACGA GATCTTCG 20306 3019 3019 CGAAGAUC A CACUUGCA 1968 GGTCAGCTACAACGA GATCTGCTC 20306 3015 3016 3016 3016 3016 3016 3016 301
2586
2605 CCAAGAUC A UUCAGAAA 1895 TTTCTGAA GGCTAGCTACAACGA GATCTTGG 20289 2618 GAAAGCUC A UAAGGAAG 1898 CTTCCTTA GGCTAGCTACAACGA GACTTCT 20290 2653 ACUGGAGC A UCAAAUGU 1904 ACATTTGA GGCTAGCTACAACGA GTCCAGT 20291 2658 AGUGGAC A UCUAAUGU 1908 CAAAAGAG GGCTACCAACGA GTCCAGCT 20292 2769 AAGUCAGC A CCUCAACG 1916 CGTTAGG GGCTACACAACGA GTCGACT 20293 2782 AACGCUC A CCGCACC 1921 GGTGGGG GGCTAGCTACAACGA GGCGGTA 20295 2788 MCACCGCC A CCACGGAA 1924 TTCCGTGG GGCTAGCTACAACGA GGCGGTA 20295 2791 CCGCCACC A CCACGAA 1924 TTCTCGG GGCTAGCTACAACGA GGCGGTGA 20295 2844 UUAUUUGC A CCAGAACU 1937 CACAAAGA GGCTAGCTACAACGA GTTGTTG 20292 2956 UUGGUCU A CCAGCACU 1949 AGTGCTGG GGCTAGCTACAACGA GAGCCAA 20299 2956 UUGGUCU A CCAGCACU 1949 AGTGCTGG GGCTAGCTACAACGA GTTCTCT 2030 2955 UUGGUCU A CCAGCACU 1952 CATCCGAG GGCTACACTACAACGA GTTCTCT 2
2618 GAAAGCUC A UAAGGAAG 1898 CTTCCTTA GGCTAGCTACAACGA GAGCTTTC 20290 2663 ACUGGAGC A UCAAAUGU 1904 ACATTTGA GGCTAGCTACAACGA GCTCCAGT 20291 2698 AGCUGAC A CUCUUUU 1908 CAAAAGAG GGCTACACAACGA GTTCAGCT 20292 2769 AAGCUGAC A CUCUUUU 1916 CGTTTAGG GGCTACACACAGA GTTCAGCT 20292 2782 AACGCUC A CGCCACC 1921 GGTGGGG GGCTAGCTACAACGA GAGGCGTTA 20294 2788 UCACCGCC A CGCAAAAA 1926 TTTTTCCG GGCTACCAACGA GAGGCGTAA 20295 2791 CGCCACC A CGGAAAA 1926 TTTTTCG GGCTACCAACGA GTGGCG 20296 2844 UUAUUUGC A CCAGCACU 1930 AGTTCTGG GGCTAGCTACAACGA GTTGTTG 20292 2956 UUGGUCU A CCAGCACU 1949 AGTGCTGG GGCTAGCTACAACGA GTTGTTG 20298 2956 UUGUCACCAC A CUGGAU 1952 CATCCGAG GGCTAGCTACAACGA GTTGCTC 20301 2995 AGAGCAC A CAACUGAA 1952 CATCCGAG GGCTAGCTACAACGA GTTCTCT 20301 3019 CGAAGCAC A CAGGACA 1952 CATCCGAG GGCTAGCTACAACGA GATCTTCC 203
2663 ACUEGAGC A UCANAUGU 1904 ACATTTGA GGCTAGCTACAACGA GCTCAGT 20291 2698 AGCUGAAC A CUCUUUUG 1908 CAAAAGAG GGTTAGCTACAACGA GTTCAGCT 20292 2769 AAGUCAGC 1916 CGTTTAGG GGTTAGCTACAACGA GTTCAGCT 20293 2782 AAGCCUC A CCACCACC 1921 GGTGGCGG GGTTAGCTACAACGA GGGGGGG 20295 2791 CCGCCAC A CCAGAACU 1930 AGTCTTG GGTTAGCTACAACGA GGTGGCGG 20296 2844 UUAUUUGC A CCAGACU 1930 AGTCTGG GGCTAGCTACAACGA GGTGGTGC 20298 2956 UUGGUCU A CCAGCACU 1949 AGTGCTG GGTTAGCTACAACGA GGAGACA 20298 2955 UUGACCAGC A CUAGAGG 1952 CATCCGAG GGTTAGCTACAACGA GGTGGTGA 20300 2995 AGAGAUC A UGAGAAC 1958 TTCAGTTG GGCTAGCTACAACGA GGTGTGCTC 20301 3053 GGCQAUCC
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2791 CCGCCACC A CGGAAAAA 1926 TTTTTCCG GGCTAGCTACAACGA GGTGGCGG 20296 2844 UUAUUUGC A CCAGAACU 1930 AGTTCTGG GGCTAGCTACAACGA GCAAATAA 20297 2863 CCAACAAC A CUUUGUG 1937 CACAAAGG GGCTAGCTACAACGA GTTGTTGG 20298 2956 UUGGUCU A CCAGCACU 1949 AGTGCTGG GGCTAGCTACAACGA GGCAGCACAC 20299 2962 UCACCAGC A CUCGGAUG 1952 CATCCGAG GGTGACTACAACGA GCTGGTG 20300 3019 CGAAGAUC A UGGAACG 1962 CGTTCCAA GGCTAGCTACAACGA GATCTCCC 20302 3053 GGCGAUCC A CAGUGACC 1968 GGTCACTG GGCTAGCTACAACGA GATTTGCC 20303 3155 UGAGACGC A UGCCUGU 1984 ACAAGGTA GGCTAGCTACAACGA GATTTGCA 20305 3205 UACCAGUC A CUGGCGG 1992 CGCCAGTG GGCTAGCTACAACGA GATTGCTTC 20308 3219 GCGGGACC A CGGAGCA 1998 TCCGCTAG <t< td=""></t<>
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3019
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3155
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3219 GCGGGACC A CGAAGCAA 1996 TTGCTTCG GGCTAGCTACAACGA GGTCCCGC 20308 3230 AAGCAAUC A CAAUCGGA 1998 TCCGATTG GGCTAGCTACAACGA GATTGCTT 20309 3255 UACAAGAC A CAAAACCA 2003 TGGTTTTG GGCTAGCTACAACGA GATTGCTT 20310 3270 CAGGGCCC A UGGGACGA 2009 TCGTCCCA GGCTAGCTACAACGA GGCCCTG 20311 3325 CUACGGUC A CCCUGAGU 2017 ACTCAGGG GGCTAGCTACAACGA GACCGTAG 20312 3347 CUGCGGAC A CCGUGGAC 2022 GTCCACGG GGCTAGCTACAACGA GACCGTAG 20313 3361 GACCUGCC A CUCGCACC 2027 GGTGCGAG GGCTAGCTACAACGA GGCAGGTC 20314 3367 CCCACUGCC A CCACCACA 2029 TGTGGTGG GGCTAGCTACAACGA GGCAGGTC 20315 3370 CUCGCACC A CCACCACA 2029 TGTGGTGG GGCTAGCTACAACGA GGTGCGAG 20315 3373 GCACCACC A CCACAGAG 2031 CTCTGTGG GGCTAGCTACAACGA GGTGCGAG 20316 3373 GCACCACC A CAGAGAGC 2031 CTCTGTGG GGCTAGCTACAACGA GGTGCGAG 20317 3418 GGAGCUGC A CCUUACCA 2039 TGGTAAGG GGCTAGCTACAACGA GGTGGTGC 20318 3426 ACCUUACC A CCACUGCG 2043 CGCAGTGG GGCTAGCTACAACGA GCAGCTCC 20318 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGAGGT 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTGTAA 20320 3488 ACAGAGACA UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3230 AAGCAAUC A CAAUCGGA 1998 TCCGATTG GGCTAGCTACAACGA GATTGCTT 20309 3255 UACAAGAC A CAAAACCA 2003 TGGTTTTG GGCTAGCTACAACGA GATTGCTT 20310 3270 CAGGGCCC A UGGGACGA 2009 TCGTCCCA GGCTAGCTACAACGA GGGCCCTG 20311 3325 CUACGGUC A CCCUGAGU 2017 ACTCAGGG GGCTAGCTACAACGA GACCGTAG 20312 3347 CUGCGGAC A CCGUGGAC 2022 GTCCACGG GGCTAGCTACAACGA GTCCGCAG 20313 3361 GACCUGCC A CUCGCACC 2027 GGTGCGAG GGCTAGCTACAACGA GGCAGGTC 20314 3367 CCACUCGC A CCACCACA 2029 TGTGGTGG GGCTAGCTACAACGA GCGAGTGG 20315 3370 CUCGCACC A CCACCACA 2029 TGTGGTGG GGCTAGCTACAACGA GGCAGGTC 20316 3373 GCACCACC A CCACAGAG 2031 CTCTGTGG GGCTAGCTACAACGA GGTGCGAG 20316 3373 GCACCACC A CAGAGAGC 2033 GCTCTCTG GGCTAGCTACAACGA GGTGCGAG 20317 3418 GGAGCUGC A CCUUACCA 2039 TGGTAAGG GGCTAGCTACAACGA GGTGGTGC 20318 3426 ACCUUACC A CCACUGCG 2043 CGCAGTGG GGCTAGCTACAACGA GGTAGGT 20319 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGAGGT 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTGTAA 20320 3488 ACAGAGAC A UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
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20310 20311 20312 CUACGGUC A UGGGACGA 2009 TCGTCCCA GGCTAGCTACAACGA GGGCCCTG 20311 3255 CUACGGUC A CCCUGAGU 2017 ACTCAGGG GGCTAGCTACAACGA GACCGTAG 3347 CUGCGGAC A CCGUGGAC 2022 GTCCACGG GGCTAGCTACAACGA GACCGTAG 3361 GACCUGCC A CUCGCACC 2027 GGTGCGAG GGCTAGCTACAACGA GCCAGGGCC 20314 3367 CCACUCGC A CCACCACA 2029 TGTGGTGG GGCTAGCTACAACGA GCGAGGTC 20315 3370 CUCGCACC A CCACCACA 2029 TGTGTGG GGCTAGCTACAACGA GGTGCGAG 20315 3373 GCACCACC A CCACAGAG 2031 CTCTGTGG GGCTAGCTACAACGA GGTGCGAG 20316 3373 GCACCACC A CAGAGAGC 2033 GCTCTCTG GGCTAGCTACAACGA GGTGGTGC 20317 3418 GGAGCUGC A CCUUACCA 2039 TGGTAAGG GGCTAGCTACAACGA GCAGCTCC 20318 3426 ACCUUACC A CCACUGCG 2043 CGCAGTGG GGCTAGCTACAACGA GGTAAGGT 20319 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGAACG 3480 AUCAGACC A CUGAGAAA 2057 TTTCATCA GGCTAGCTACAACGA GGTCTCTT 20322
3325 CUACGGUC A CCCUGAGU 2017 ACTCAGGG GGCTAGCTACAACGA GACCGTAG 20312 3347 CUGCGGAC A CCGUGGAC 2022 GTCCACGG GGCTAGCTACAACGA GTCCGCAG 20313 3361 GACCUGCC A CUCGCACC 2027 GGTGCGAG GGCTAGCTACAACGA GCGAGGTC 20314 3367 CCACUCGC A CCACCACA 2029 TGTGGTGG GGCTAGCTACAACGA GCGAGTGG 20315 3370 CUCGCACC A CCACCACA 2029 TGTGTGG GGCTAGCTACAACGA GGTGCGAG 20315 3373 GCACCACC A CCACAGAG 2031 CTCTGTGG GGCTAGCTACAACGA GGTGCGAG 20316 3374 GGACCACC A CAGAGAGC 2033 GCTCTCTG GGCTAGCTACAACGA GGTGGTGC 20317 3418 GGAGCUGC A CCUUACCA 2039 TGGTAAGG GGCTAGCTACAACGA GCAGCTCC 20318 3426 ACCUUACC A CCACUGCG 2043 CGCAGTG GGCTAGCTACAACGA GGTAAGGT 20319 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGGTAA 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTCTGAT 20321 3488 ACAGAGAC A UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3347 CUGCGGAC A CCGUGGAC 2022 GTCCACGG GGCTAGCTACAACGA GTCCGCAG 20313 3361 GACCUGCC A CUCGCACC 2027 GGTGCGAG GGCTAGCTACAACGA GGCAGGTC 20314 3367 CCACUCGC A CCACCACA 2029 TGTGGTGG GGCTAGCTACAACGA GCGAGTGG 20315 3370 CUCGCACC A CCACAGAG 2031 CTCTGTGG GGCTAGCTACAACGA GGTGCGAG 20316 3373 GCACCACC A CAGAGAGC 2033 GCTCTCTG GGCTAGCTACAACGA GGTGGTGC 20317 3418 GGAGCUGC A CCUUACCA 2039 TGGTAAGG GGCTAGCTACAACGA GCAGCTCC 20318 3426 ACCUUACC A CCACUGCG 2043 CGCAGTG GGCTAGCTACAACGA GGTAAGGT 20319 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGGTAA 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTCTGAT 20321 3488 ACAGAGAC A UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3361 GACCUGCC A CUCGCACC 2027 GGTGCGAG GGCTAGCTACAACGA GGCAGGTC 20314 3367 CCACUCGC A CCACCACA 2029 TGTGGTGG GGCTAGCTACAACGA GGCAGGTGG 20315 3370 CUCGCACC A CCACAGAG 2031 CTCTGTGG GGCTAGCTACAACGA GGTGCGAG 20316 3373 GCACCACC A CAGAGAGC 2033 GCTCTCTG GGCTAGCTACAACGA GGTGGTGC 20317 3418 GGAGCUGC A CCUUACCA 2039 TGGTAAGG GGCTAGCTACAACGA GCAGCTCC 20318 3426 ACCUUACC A CCACUGCG 2043 CGCAGTGG GGCTAGCTACAACGA GGTAAGGT 20319 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGGTAA 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTCTGAT 20321 3488 ACAGAGACA CUGUGUAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3367 CCACUCGC A CCACCACA 2029 TGTGGTGG GGCTAGCTACAACGA GCGAGTGG 20315 3370 CUCGCACC A CCACAGAG 2031 CTCTGTGG GGCTAGCTACAACGA GGTGCGAG 20316 3373 GCACCACC A CAGAGAGC 2033 GCTCTCTG GGCTAGCTACAACGA GGTGGTGC 20317 3418 GGAGCUGC A CCUUACCA 2039 TGGTAAGG GGCTAGCTACAACGA GCAGCTCC 20318 3426 ACCUUACC A CCACUGCG 2043 CGCAGTGG GGCTAGCTACAACGA GGTAAGGT 20319 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGGTAA 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTCTGAT 20321 3488 ACAGAGACA UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3370 CUCGCACC A CCACAGAG 2031 CTCTGTGG GGCTAGCTACAACGA GGTGCGAG 20316 3373 GCACCACC A CAGAGAGC 2033 GCTCTCTG GGCTAGCTACAACGA GGTGGTGC 20317 3418 GGAGCUGC A CCUUACCA 2039 TGGTAAGG GGCTAGCTACAACGA GCAGCTCC 20318 3426 ACCUUACC A CCACUGCG 2043 CGCAGTGG GGCTAGCTACAACGA GGTAGGT 20319 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGGTAA 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTCTGAT 20321 3488 ACAGAGAC A UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3373 GCACCACC A CAGAGAGC 2033 GCTCTCTG GGCTAGCTACAACGA GGTGGTGC 20317 3418 GGAGCUGC A CCUUACCA 2039 TGGTAAGG GGCTAGCTACAACGA GCAGCTCC 20318 3426 ACCUUACC A CCACUGCG 2043 CGCAGTGG GGCTAGCTACAACGA GGTAAGGT 20319 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGGTAA 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTCTGAT 20321 3488 ACAGAGACA UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3418 GGAGCUGC A CCUUACCA 2039 TGGTAAGG GGCTAGCTACAACGA GCAGCTCC 20318 3426 ACCUUACC A CCACUGCG 2043 CGCAGTGG GGCTAGCTACAACGA GGTAAGGT 20319 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGGTAA 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTCTGAT 20321 3488 ACAGAGAC A UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3426 ACCUUACC A CCACUGCG 2043 CGCAGTGG GGCTAGCTACAACGA GGTAAGGT 20319 3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGGTAA 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTCTGAT 20321 3488 ACAGAGACA UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3429 UUACCACC A CUGCGCUA 2045 TAGCGCAG GGCTAGCTACAACGA GGTGGTAA 20320 3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTCTGAT 20321 3488 ACAGAGAC A UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3480 AUCAGACC A CAGAGACA 2055 TGTCTCTG GGCTAGCTACAACGA GGTCTGAT 20321 3488 ACAGAGAC A UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
3488 ACAGAGAC A UGAUGAAA 2057 TTTCATCA GGCTAGCTACAACGA GTCTCTGT 20322
2512 GUODAGUA A CARGUAN
3313 GUGUAGUC A CAAGUGAA 2062 TTCACTTG GGCTAGCTACAACGA GACTGCAC 20323
3502 VOTIGOGO 3 OGGI GOLG
3583 UCUUGGCC A CCCAGGAG 2075 CTCCTGGG GGCTAGCTACAACGA GGCCAAGA 20324
3625 AGAUCAGC A UGCCAGCU 2086 AGCTGGCA GGCTAGCTACAACGA GCTGATCT 20325
3670 UUGGGGGC A UUACUUAC 2096 GTAAGTAA GGCTAGCTACAACGA GCCCCCAA 20326
3679 UUACUUAC A CUGAUGUG 2098 CACATCAG GGCTAGCTACAACGA GTAAGTAA 20327
3700 GCUAUGUC A UCUUGGUG 2101 CACCAAGA GGCTAGCTACAACGA GACATAGC 20328
3700 GCUAUGUC A UCUUGGUG 2101 CACCAAGA GGCTAGCTACAACGA GACATAGC 20328 3752 CGUGGUAC A CUUGGCGC 2107 GCGCCAAG GGCTAGCTACAACGA GTACCACG 20329 3763 UGGCGCUC A UGGCGACC 2110 GGTCGCCA GGCTAGCTACAACGA GAGCGCCA 20330

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		18	ible VI	
3801	AUGGUGGC A UCGUUUCU	2117	AGAAACGA GGCTAGCTACAACGA GCCACCAT	20331
3838	AGGAGAAC A UUUUGUUG	2124	CAACAAAA GGCTAGCTACAACGA GTTCTCCT	20332
3881	GGCUUAUC A CGAUGCCC	2129	GGGCATCG GGCTAGCTACAACGA GATAAGCC	20333
3930	UUGAAUUC A CUGGCGGU	2140	ACCGCCAG GGCTAGCTACAACGA GAATTCAA	20334
3961	UGAGAGCC A UAACAUUC	2145	GAATGTTA GGCTAGCTACAACGA GGCTCTCA	20335
3966	GCCAUAAC A UUCACAAC	2146	GTTGTGAA GGCTAGCTACAACGA GTTATGGC	20336
	UAACAUUC A CAACGACA	2147	TGTCGTTG GGCTAGCTACAACGA GAATGTTA	20337
3970			ACGTTTGA GGCTAGCTACAACGA GTCGTTGT	20337
3978	ACAACGAC A UCAAACGU	2149		
4014	CUGCUAAC A CCCGGGCU	2158	AGCCCGGG GGCTAGCTACAACGA GTTAGCAG	20339
4171	UCAACCCC A UGAUCCUU	2188	AAGGATCA GGCTAGCTACAACGA GGGGTTGA	20340
4197	CUGAUUGC A UGUGAUCC	2194	GGATCACA GGCTAGCTACAACGA GCAATCAG	20341
4267	UGUUUGCC A UCGUCGGA	2208	TCCGACGA GGCTAGCTACAACGA GGCAAACA	20342
4294	AGCUUGAC A UUGACUCC	2212	GGAGTCAA GGCTAGCTACAACGA GTCAAGCT	20343
4303	UUGACUCC A UGGCCAUU	2215	AATGGCCA GGCTAGCTACAACGA GGAGTCAA	20344
4309	CCAUGGCC A UUCCAAUG	2217	CATTGGAA GGCTAGCTACAACGA GGCCATGG	20345
4333	CGGGGCUC A UGUUUGCU	2222	AGCAAACA GGCTAGCTACAACGA GAGCCCCG	20346
4396	CGGCGGAC A UUUCCUGG	2228	CCAGGAAA GGCTAGCTACAACGA GTCCGCCG	20347
4480	UCCAGCUC A UGAAUGAU	2239	ATCATTCA GGCTAGCTACAACGA GAGCTGGA	20348
4497	CCAGGAGC A CCUUGGAA	2242	TTCCAAGG GGCTAGCTACAACGA GCTCCTGG	20349
4549	GUGCGUAC A CCCCCUGG	2249	CCAGGGG GGCTAGCTACAACGA GTACGCAC	20350
4603	UCCAAUAC A CAAAGAGA	2265	TCTCTTTG GGCTAGCTACAACGA GTATTGGA	20351
4630	UGUGGGAC A CUCCCUCA	2267	TGAGGGAG GGCTAGCTACAACGA GTCCCACA	20352
4638	ACUCCCUC A CCAAAGGA	2272	TCCTTTGG GGCTAGCTACAACGA GAGGGAGT	20353
4663	AGGGGGAC A CGACCACC	2276	GGTGGTCG GGCTAGCTACAACGA GTCCCCCT	20354
4669	ACACGACC A CCGGCGUC	2278	GACGCCGG GGCTAGCTACAACGA GGTCGTGT	20355
4687	ACAGGAUC A UGACUCGU	2282	ACGAGTCA GGCTAGCTACAACGA GATCCTGT	20356
4751	UGUUUUCC A CACCCUUU	2290	AAAGGGTG GGCTAGCTACAACGA GGAAAACA	20357
4753	UUUUCCAC A CCCUUUGG	2291	CCAAAGGG GGCTAGCTACAACGA GTGGAAAA	20358
4763	CCUUUGGC A UACAACAA	2295	TTGTTGTA GGCTAGCTACAACGA GCCAAAGG	20359
4812	CUGGACCC A UACUGGGG	2305	CCCCAGTA GGCTAGCTACAACGA GGGTCCAG	20360
4871	AUUGCAGC A CAAGUGGA	2314	TCCACTTG GGCTAGCTACAACGA GCTGCAAT	20361
4965	UUCAAAAC A CCUGAAGG	2326	CCTTCAGG GGCTAGCTACAACGA GTTTTGAA	20362
5005	ACUUCCCC A CUGGAACA	2335	TGTTCCAG GGCTAGCTACAACGA GGGGAAGT	20363
5013	ACUGGAAC A UCAGGCUC	2337	GAGCCTGA GGCTAGCTACAACGA GTTCCAGT	20364
5022	UCAGGCUC A CCAAUAGU	2340	ACTATTGG GGCTAGCTACAACGA GAGCCTGA	20365
5074	AUGGAGUC A UAAUGCCC	2346	GGGCATTA GGCTAGCTACAACGA GACTCCAT	20366
	AACGGCUC A UACAUAAG	2351	CTTATGTA GGCTAGCTACAACGA GAGCCGTT	20367
5091		2352	CGCGCTTA GGCTAGCTACAACGA GTATGAGC	20368
5095	GCUCAUAC A UAAGCGCG		CAGTACAG GGCTAGCTACAACGA GATCTGTT	20369
5179	AACAGAUC A CUGUACUG	2364	CGCCGGGA GGCTAGCTACAACGA GATCTGTT	-
5195	GGAUCUCC A UCCCGGCG	2369		20370
5229	AUUCUGCC A CAGAUCAU	2376	ATGATCTG GGCTAGCTACAACGA GGCAGAAT	20371
5236	CACAGAUC A UCAAAGAG	2378	CTCTTTGA GGCTAGCTACAACGA GATCTGTG	20372
5248	AAGAGGCC A UAAACAGA	2381	TCTGTTTA GGCTAGCTACAACGA GGCCTCTT	20373
5280	GUGCUAGC A CCAACCAG	2387	CTGGTTGG GGCTAGCTACAACGA GCTAGCAC	20374
5316	GCUGAAGC A CUGAGAGG	2395	CCTCTCAG GGCTAGCTACAACGA GCTTCAGC	20375
5332	GACUGCCC A UCCGGUAC	2400	GTACCGGA GGCTAGCTACAACGA GGGCAGTC	20376
5346	UACCAGAC A UCCGCAGU	2404	ACTGCGGA GGCTAGCTACAACGA GTCTGGTA	20377
5366	CAGAGAAC A UAAUGGAA	2410	TTCCATTA GGCTAGCTACAACGA GTTCTCTG	20378
5392	UUGAUGUC A UGUGUCAU	2411	ATGACACA GGCTAGCTACAACGA GACATCAA	20379
5399	CAUGUGUC A UGCUACCC	2412	GGGTAGCA GGCTAGCTACAACGA GACACATG	20380
5410	CUACCCUC A CCCACAGG	2417	CCTGTGGG GGCTAGCTACAACGA GAGGGTAG	20381
5414	CCUCACCC A CAGGCUGA	2420	TCAGCCTG GGCTAGCTACAACGA GGGTGAGG	20382
5432	GUCUCCUC A CAGGGUGC	2426	GCACCCTG GGCTAGCTACAACGA GAGGAGAC	20383
5474	UGAGGCUC A UUUCACCG	2434	CGGTGAAA GGCTAGCTACAACGA GAGCCTCA	20384
5479	CUCAUUUC A CCGACCCA	2435	TGGGTCGG GGCTAGCTACAACGA GAAATGAG	20385
5494	CAGCUAGC A UUGCAGCA	2441	TGCTGCAA GGCTAGCTACAACGA GCTAGCTG	20386
5512	GAGGUUAC A UUUCCACA	2444	TGTGGAAA GGCTAGCTACAACGA GTAACCTC	20387
5518	ACAUUUCC A CAAAGGUC	2446	GACCTTTG GGCTAGCTACAACGA GGAAATGT	20388
5554	CAAUAUUC A UGACAGCC	2450	GGCTGTCA GGCTAGCTACAACGA GAATATTG	20389
5563	UGAÇAGCC A CCCCACCA	2453	TGGTGGGG GGCTAGCTACAACGA GGCTGTCA	20390
5568	GCCACCCC A CCAGGCAC	2457	GTGCCTGG GGCTAGCTACAACGA GGGGTGGC	20391
5575	CACCAGGC A CUUCAGAU	2460	ATCTGAAG GGCTAGCTACAACGA GCCTGGTG	20392
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5586	UCAGAUCC A UUCCCAGA	2464	TCTGGGAA GGCTAGCTACAACGA GGATCTGA	20393
5604	UCCAAUUC A CCAAUUUC	2470	GAAATTGG GGCTAGCTACAACGA GAATTGGA	20394
5668	AAUGGAUC A CAGAAUAC	2482	GTATTCTG GGCTAGCTACAACGA GATCCATT	20395
5677	CAGAAUAC A CCGGGAAG	2484	CTTCCCGG GGCTAGCTACAACGA GTATTCTG	20396
5833	UUGUUAUC A CAACAGAC	2503	GTCTGTTG GGCTAGCTACAACGA GATAACAA	20397
5842	CAACAGAC A UAUCUGAA	2506	TTCAGATA GGCTAGCTACAACGA GTCTGTTG	20398
5911	AACCAACC A UCAUAACA	2517	TGTTATGA GGCTAGCTACAACGA GGTTGGTT	20399
5914	CAACCAUC A UAACAGAA	2518	TTCTGTTA GGCTAGCTACAACGA GATGGTTG	20400
5952	GGAGAACC A UCUGCAGU	2523	ACTGCAGA GGCTAGCTACAACGA GGTTCTCC	20401
6044	UGGGGGC A CACGAAUG	2536	CATTCGTG GGCTAGCTACAACGA GCCCCCCA	
6046	GGGGCAC A CGAAUGAA	2537	TTCATTCG GGCTAGCTACAACGA GTGCCCCC	20402
6074	CUUCGCCC A UUGGACUG	2542	<u> </u>	20403
	 	 	CAGTCCAA GGCTAGCTACAACGA GGGCGAAG	20404
6087	ACUGAGGC A CGAAUCAU	2544	ATGATTCG GGCTAGCTACAACGA GCCTCAGT	20405
6094	CACGAAUC A UGCUGGAC	2545	GTCCAGCA GGCTAGCTACAACGA GATTCGTG	20406
6106	UGGACAAC A UCAACAUG	2548	CATGTTGA GGCTAGCTACAACGA GTTGTCCA	20407
6112	ACAUCAAC A UGCCAAAC	2550	GTTTGGCA GGCTAGCTACAACGA GTTGATGT	20408
6169	UAUAUACC A UGGAUGGG	2562	CCCATCCA GGCTAGCTACAACGA GGTATATA	20409
6282	GGAGUGUC A UACCACGA	2579	TCGTGGTA GGCTAGCTACAACGA GACACTCC	20410
6287	GUCAUACC A CGACCGGA	2581	TCCGGTCG GGCTAGCTACAACGA GGTATGAC	20411
6325	GGACAAAC A CAAUUUUA	2587	TAAAATTG GGCTAGCTACAACGA GTTTGTCC	20412
6358	UGGAAGUC A UCACGAAG	2591	CTTCGTGA GGCTAGCTACAACGA GACTTCCA	20413
6361	AAGUCAUC A CGAAGCUU	2592	AAGCTTCG GGCTAGCTACAACGA GATGACTT	20414
6425	CUCGGAUC A CCAGGCAC	2600	GTGCCTGG GGCTAGCTACAACGA GATCCGAG	20415
6432	CACCAGGC A CUAAAGGC	2603	GCCTTTAG GGCTAGCTACAACGA GCCTGGTG	20416
6484	UAGGGCUC A UUGAGGUU	2612	AACCTCAA GGCTAGCTACAACGA GAGCCCTA	20417
6512	GCCUGAGC A CUUCAUGG	2616	CCATGAAG GGCTAGCTACAACGA GCTCAGGC	20418
6517	AGCACUUC A UGGGGAAG	2618	CTTCCCCA GGCTAGCTACAACGA GAAGTGCT	20419
6528	GGGAAGAC A UGGGAAGC	2619	GCTTCCCA GGCTAGCTACAACGA GTCTTCCC	20420
6537	UGGGAAGC A CUUGACAC	2620	GTGTCAAG GGCTAGCTACAACGA GCTTCCCA	20421
6544	CACUUGAC A CCAUGUAC	2622	GTACATGG GGCTAGCTACAACGA GTCAAGTG	20422
6547	UUGACACC A UGUACGUU	2624	AACGTACA GGCTAGCTACAACGA GGTGTCAA	
6562	UUGUGGCC A CUGCAGAG	2626	CTCTGCAG GGCTAGCTACAACGA GGCCACAA	20423
6587	AAGAGCUC A CAGAAUGG	2630	CCATTCTG GGCTAGCTACAACGA GGCCACAA CCATTCTG GGCTAGCTACAACGA GAGCTCTT	20424
6661	UGAUGACC A UGGGAGUA	2647		20425
6682	UCCUCCUC A UGCAGCGG	2653	TACTCCCA GGCTAGCTACAACGA GGTCATCA	20426
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		2655	CTTTCCAA GGCTAGCTACAACGA GCCCTTCC	20428
6889	UUUGUGUC A UGACCCUU	2688	AAGGGTCA GGCTAGCTACAACGA GACACAAA	20429
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7000	AUUUCAGC A UGGGAGAG	2704	CTCTCCCA GGCTAGCTACAACGA GCTGAAAT	20431
7044	GCCUGGUC A CUGUACGC	2712	GCGTACAG GGCTAGCTACAACGA GACCAGGC	20432
7072	CGGUCCUC A CUCCACUG	2719	CAGTGGAG GGCTAGCTACAACGA GAGGACCG	20433
7077.	CUCACUCC A CUGCUAAA	2722	TTTAGCAG GGCTAGCTACAACGA GGAGTGAG	20434
7088	GCUAAAGC A UUUGAUCA	2725	TGATCAAA GGCTAGCTACAACGA GCTTTAGC	20435
7096	AUUUGAUC A CGUCAGAU	2726	ATCTGACG GGCTAGCTACAACGA GATCAAAT	20436
7108	CAGAUUAC A UCAACACC	2728	GGTGTTGA GGCTAGCTACAACGA GTAATCTG	20437
7114	ACAUCAAC A CCUCAUUG	2730	CAATGAGG GGCTAGCTACAACGA GTTGATGT	20438
7119	AACACCUC A UUGACCUC	2733	GAGGTCAA GGCTAGCTACAACGA GAGGTGTT	20439
7149	GCAAGUGC A CUAUUCAC	2739	GTGAATAG GGCTAGCTACAACGA GCACTTGC	20440
7156	CACUAUUC A CACUCGCG	2741	CGCGAGTG GGCTAGCTACAACGA GAATAGTG	20441
7158	CUAUUCAC A CUCGCGCG	2742	CGCGCGAG GGCTAGCTACAACGA GTGAATAG	20442
7234	GACAAGUC A CCCUCACC	2758	GGTGAGGG GGCTAGCTACAACGA GACTTGTC	20443
7240	UCACCCUC A CCGUUACG	2762	CGTAACGG GGCTAGCTACAACGA GAGGGTGA	20444
7263	GCGGCAAC A CUCCUUUU	2766	AAAAGGAG GGCTAGCTACAACGA GTTGCCGC	20445
7277	UUUUUGCC A CUAUGCCU	2771	AGGCATAG GGCTAGCTACAACGA GGCAAAAA	20446
7288	AUGCCUAC A UGGUUCCC	2775	GGGAACCA GGCTAGCTACAACGA GTAGGCAT	20447
7351	CCGGAAUC A UGAAGAAC	2788	GTTCTTCA GGCTACCTACAACGA GATTCCGG	
7375	UGGAUGGC A UCGUGGCC	2790	GGCCACGA GGCTAGCTACAACGA GATTCCGG	20448
7384	UCGUGGCC A CGGACGUC	2792		20449
7408	UAGAGCGC A CCACACCC	2792	GACGTCCG GGCTAGCTACAACGA GGCCACGA	20450
7411	AGCGCACC A CACCCAUC		GGGTGTGG GGCTAGCTACGA GCGCTCTA	20451
7413	CGCACCAC A CACCCAUCAU	2798	GATGGGTG GGCTACCTACAACGA GGTGCGCT	20452
7417	CCACACCC A UCAUGCAG	2799	ATGATGGG GGCTACCTACAACGA GTGGTGCG	20453
_, 41/	CUACHESE A SCAUGUAG	2802	CTGCATGA GGCTAGCTACAACGA GGGTGTGG	20454

		1	Table VI	
7420	CACCCAUC A UGCAGAAG	2803	CTTCTGCA GGCTAGCTACAACGA GATGGGTG	20455
7444	GACAGAUC A UGCUGAUC	2806	GATCAGCA GGCTAGCTACAACGA GATCTGTC	20456
7522	UUUUGAUC A CGGCCGCA	2818	TGCGGCCG GGCTAGCTACAACGA GATCAAAA	20457
7585	CAACUGCC A UCGGACUC	2829	GAGTCCGA GGCTAGCTACAACGA GGCAGTTG	20458
7598	ACUCUGCC A CAUCAUGC	2833	GCATGATG GGCTAGCTACAACGA GGCAGAGT	20459
7600	UCUGCCAC A UCAUGCGU	2834	ACGCATGA GGCTAGCTACAACGA GTGGCAGA	20460
7603	GCCACAUC A UGCGUGGG	2835	CCCACGCA GGCTAGCTACAACGA GATGTGGC	20461
7623	UGGUUGUC A UGUCUAUC	2836	GATAGACA GGCTAGCTACAACGA GACAACCA	20462
7633	GUCUAUCC A UAACAUGG	2839	CCATGTTA GGCTAGCTACAACGA GGATAGAC	20463
7638	UCCAUAAC A UGGACACU	2840	AGTGTCCA GGCTAGCTACAACGA GTTATGGA	20464
7644	ACAUGGAC A CUCAUAAA	2841	TTTATGAG GGCTAGCTACAACGA GTCCATGT	20465
7648	GGACACUC A UAAAGAAC	2843	GTTCTTTA GGCTAGCTACAACGA GAGTGTCC	20466
7657	UAAAGAAC A UGGAAAAA	2844	TTTTTCCA GGCTAGCTACAACGA GTTCTTTA	20467
7699	AAGGACGC A CCUUGGGA	2849	TCCCAAGG GGCTAGCTACAACGA GCGTCCTT	20468
7753	AAGAGUUC A CUAGGUAC	2857	GTACCTAG GGCTAGCTACAACGA GAACTCTT	20469
7774	AAGAGGCC A UCAUCGAA	2862	TTCGATGA GGCTAGCTACAACGA GGCCTCTT	20470
7777	AGGCCAUC A UCGAAGUC	2863	GACTTCGA GGCTAGCTACAACGA GATGGCCT	20471
7805	GGCAAAAC A CGCCAGGA	2867	TCCTGGCG GGCTAGCTACAACGA GTTTTGCC	20472
7828	GCAAUGUC A CUGGAGGG	2871	CCCTCCAG GGCTAGCTACAACGA GACATTGC	20473
7838	UGGAGGGC A UCCAGUCU	2873	AGACTGGA GGCTAGCTACAACGA GCCCTCCA	20474
7855	CUAGGGGC A CAGCAAAA	2878	TTTTGCTG GGCTAGCTACAACGA GCCCCTAG	20475
7990	GAGGGUAC A CAAAGGGC	2895	GCCCTTTG GGCTAGCTACAACGA GTACCCTC	20476
8009	UCCCGGAC A UGAAGAGC	2899	GCTCTTCA GGCTAGCTACAACGA GTCCGGGA	20477
8047	GAUGGAAC A UUGUCACC	2906	GGTGACAA GGCTAGCTACAACGA GTTCCATC	20478
8053	ACAUUGUC A CCAUGAAG	2907	CTTCATGG GGCTAGCTACAACGA GACAATGT	20479
B056	UUGUCACC A UGAAGAGU	2909	ACTOTTCA GGCTAGCTACAACGA GGTGACAA	20480
8104	GUUGUGAC A CCCUCCUU	2915	AAGGAGGG GGCTAGCTACAACGA GTCACAAC	20481
8119	UUUGUGAC A UCGGAGAG	2921	CTCTCCGA GGCTAGCTACAACGA GTCACAAA	20482
8198	UGAAGAGC A UAGGACGA	2926	TCGTCCTA GGCTAGCTACAACGA GCTCTTCA	20483
8242	CUGGCUGC A CCGAGGGC	2931	GCCCTCGG GGCTAGCTACAACGA GCAGCCAG	20484
8254	GCCCCUAC A UGCCGAAA CGAAAGUC A UAGAGAAG	2941	TTTCGGCA GGCTAGCTACAACGA GTAGGGGC	20485
8310	AGAAACCC A CUCUCACG	2943	CTTCTCTA GGCTAGCTACAACGA GACTTTCG	20486
8316	CCACUCUC A CGGAAUUC	2953 2956	CGTGAGAG GGCTAGCTACAACGA GGGTTTCT	20487
8326	GGAAUUCC A CGCACGAG		GAATTCCG GGCTAGCTACAACGA GAGAGTGG	20488
8330	UUCCACGC A CGAGAUGU	2958 2959	CTCGTGCG GGCTAGCTACAACGA GGAATTCC	20489
8372	UGUGGUAC A UUCAGUGA	2963	ACATCTCG GGCTAGCTACAACGA GCGTGGAA	20490
8506	ACUCAGAC A CCAGUAAA	2989	TCACTGAA GGCTAGCTACAACGA GTACCACA	20491
8564	GACGUGGC A CCACGAUG	2997	TTTACTGG GGCTAGCTACAACGA GTCTGAGT	20492
8567	GUGGCACC A CGAUGAGA	2999	CATCGTGG GGCTAGCTACAACGA GCCACGTC	20493
8579	UGAGAACC A CCCAUAUA	3001	TCTCATCG GGCTAGCTACAACGA GGTGCCAC TATATGGG GGCTAGCTACAACGA GGTTCTCA	20494
8583	AACCACCC A UAUAGAAC	3004	GTTCTATA GGCTAGCTACAACGA GGTTCTCA	20495
8603	GAACUAUC A CGGCAGUU	3008	AACTGCCG GGCTAGCTACAACGA GATAGTTC	20496
8626	UGAAGCCC A CAGGCUCC	3012	GGAGCCTG GGCTAGCTACAACGA GGGCTTCA	20497
8679	UCAAAACC A UGGGACAC	3027	GTGTCCCA GGCTAGCTACAACGA GGTTTTGA	20498
8686	CAUGGGAC A CCAUCACG	3028	CGTGATGG GGCTAGCTACAACGA GTCCCATG	20499
8689	GGGACACC A UCACGAAU	3030	ATTCGTGA GGCTAGCTACAACGA GGTGTCCC	20500
8692	ACACCAUC A CGAAUGUU	3031	AACATTCG GGCTAGCTACAACGA GATGGTGT	20501
8704	AUGUUACC A CCAUGGCC	3033	GGCCATGG GGCTAGCTACAACGA GGTAACAT	20502
8707	UUACCACC A UGGCCAUG	3035	CATGGCCA GGCTAGCTACAACGA GGTGGTAA	20503
8713	CCAUGGCC A UGACUGAC	3037	GTCAGTCA GGCTAGCTACAACGA GGCCATGG	20504
8722	UGACUGAC A CUACUCCC	3039	GGGAGTAG GGCTAGCTACAACGA GTCAGTCA	20506
8767	AGGUGGAC A CGAAAGCU	3048	AGCTTTCG GGCTAGCTACAACGA GTCCACCT	20507
8818	AUGAGACC A CCAACUGG	3058	CCAGTTGG GGCTAGCTACAACGA GGTCTCAT	20508
8884	AGGAAUUC A UAAGAAAG	3069	CTTTCTTA GGCTAGCTACAACGA GAATTCCT	20509
8920	UGGGUGCC A UGUUUGAA	3076	TTCAAACA GGCTAGCTACAACGA GGCACCCA	20510
9009	CGCGAGGC A CAUCUGCG	3084	CGCAGATG GGCTAGCTACAACGA GCCTCGCG	20511
9011	CGAGGCAC A UCUGCGGG	3085	CCCGCAGA GGCTAGCTACAACGA GTGCCTCG	20512
9029	GGAAUGUC A CACUUGCA	3087	TGCAAGTG GGCTAGCTACAACGA GACATTCC	20513
9031	AAUGUCAC A CUUGCAUU	3088	AATGCAAG GGCTAGCTACAACGA GTGACATT	20514
9037	ACACUUGC A UUUACAAC	3090	GTTGTAAA GGCTAGCTACAACGA GCAAGTGT	20515
9046	UUUACAAC A UGAUGGGA	3092	TCCCATCA GGCTAGCTACAACGA GTTGTAAA	20516

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1915 UNINGRUIC A UTUGGGUIC 3100 GRGCCACA GGCTAGCTACAACGA GAACCAAA 9511			10	ble VI	
9318 CIGARIACA A CUGAGOU 3121 MOGROMIS A RUGGOUS 31101 CANGCOME GOCTAGOTACAGAG GOTTAGOA 9286 MAGRIUGO A COCOGOU 3121 MOGROMIS GOCTAGOTACAGAGA GOTTAGOACAGA GOTTAGOA 9287 CUGARUACA A COCOGOU 3122 MOGROMIS GOCTAGOTACAGAGA GOTTAGOACAGA GOTTAGOA 9390 CUGARUACA COCOGOU 3123 GOCTAGOTTAGAGAGA GOTTAGOACAGA GOTTAGOACAGA 9390 CUGARUACA CACCOGCAD 9310 ACACCOGC A UCACGAGA 9310 ACACCOGC A UCACGAGA 93110 ACACCOGC A UCACGAGA 93110 ACACCOGC A UCACGAGA 9312 GOCTAGOTTAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	9106	GCAGAGCC A UUUGGUUC	3099	GAACCAAA GGCTAGCTACAACGA GGCTCTGC	20517
	9115	UUUGGUUC A UGUGGCUC	3100	GAGCCACA GGCTAGCTACAACGA GAACCAAA	20518
29256 ANGUIDGE A COCOGOCU 3124 AGGCOGG GGCTAGCTACAGCA GCCAACTT 9652 9289 CUBAURC A CAGCUGC 3132 GCCAGCTG GGCTAGCTCACAGCA GTCACCAG 7000	9173	UGAAGACC A CUGGCUUG	3110	CAAGCCAG GGCTAGCTACAACGA GGTCTTCA	20519
9256 AAGUUGC A CCCGGCCUU 31124 AGGCCGGG GGCTAGCTRACKACA GCCAACTT 2052; 9384 GCUGGGC A CCCGCAUC 31126 GATGCGGG GGCTAGCTRCACKACGA GCCAACTT 2052; 9310 ACRCCCGC A UCACGAGA 31159 TCTCGGTG GGCTAGCTCACACGA GCGAGTG GGTSTGGTGACACGA GCGAGTG GGCTAGCTGCACCACGC 2052; 93131 CCCGCGAUC A CCAGAGAG 31191 AGCTCTCG GGCTAGCTCACACGA GCGGGGTG 7052; 93188 CCAGGGCCA CCCGGCCA UCACGAGCA 3147 GACGCCGG GGCTAGCTCACACGA GCGGGGTG 7170; 93188 CCAGGGCCA CAUCAGGGG 3147 GACGCCGA GGCTAGCTCACACGA GATCGCGC 2052; 93181 GGGCCAUC A UUGAGCCU 3153 GAGCTCAA GGCTAGCTACAACGA GATCGCCC 2052; 93191 GGGCCAUC A UUGAGCCU 3153 GAGCTCAA GGCTAGCTACAACGA GATCGCC 2052; 93191 GGGCCAUC A UUGAGCCU 3153 GAGCTCAA GGCTAGCTACAACGA GACCACCA 2052; 9310 CUAUCCUC A CAAAGUUG 3155 AGGCTCAA GGCTCAACGA GACCACACA 2052; 9410 CUAUCCUC A CAAAGUUG 3158 CAACTTCT GGCTAGCTACACACGA GACCATAC 2052; 9526 CCCUAACA C UUUCACC 31711 GGCGTAGG GGCTCAACGA GACGATAC 2053; 9527 CCCUAACA C UUUCACC 31717 GGCTAGAG GGCTCAACGA GACGATAC 2053; 9528 CCCUAACA C UUUCACC 31717 GGCTAGAG GGCTCAACGA GACGATC 2053; 9529 CCCUAACA C UUUCACC 31719 CAGGTCGG GGCTAGCTACAACGA GACGATC 2053; 9520 CCCUAACA C UUUCACC 31719 CAGGTCGG GGCTAGCTACAACGA GAAAGTT 2053; 9521 CCCUAACA C UUUCACC 31719 CAGGTCGG GGCTAGCTACAACGA GAAATTC 2053; 9526 CACAUUUC A CCAACGUG 3179 CAGGTCGG GGCTAGCTACAACGA GAAATTC 2053; 9527 CCCUAACA C UUUCACC 3214 GACGAGG GGCTAGCTACAACGA GAAATTC 2053; 9528 CACAUUUC A CCAACGAG 3129 TCAGGTCACACACGA GAAATTC 2053; 9529 CCCUAAACA C UUUCACC 3214 GACGAGG GGCTAGCTACAACGA GAAATTC 2053; 9520 CCCUAAAC C UUUCACC 3214 GACGAGG GGCTAGCTACAACGA GAAATTCT 2053; 9521 GCUCGCC A CCUCCCC 3214 GACGAGG GGCTAGCTACAACGA GAAATTCT 2053; 9526 CACAUUCA C UUUCACU 3214 GACGAGG GGCTAGCTACAACGA GCGAACCC 2053; 9526 CACAUUCA C UUCACUC 3214 GACGAGG GGCTAGCTACAACGA GGAACCC 2053; 9526 CACAUUCA C UUCACUC 3214 GACGAGG GGCTAGCTACAACGA GGAACCC 2053; 9526 CACAUUCA C UUCACUC 3214 GACGAGG GGCTAGCTACAACGA GGAACCC 2054; 9526 CACAUUCA C UUCACUC 3214 GACGAGG GGCTAGCTACAACGA GGAACCC 2054; 9527 CACAUUCA C UUCACUC 3214 GACGAGG GGCTAGCTACAACGA GGAACCC 2054; 9528 CACAUUCA C	9238	UGGGUUAC A UCCUGCGU	3121	ACGCAGGA GGCTAGCTACAACGA GTAACCCA	20520
		AAGUUGGC A CCCGGCCU	3124	AGGCCGGG GGCTAGCTACAACGA GCCAACTT	20521
9310 AGCOGGA A CCCGCAUC 3119 GATCCGGG GGCTAGCTRACAGAG GTCCCAGC 29523 3131 CCCGCAUC A GUAGAGGU 3119 TOTCGTAG GGCTAGCTRACAGAG GGGGGTOT 29523 3132 CCCGCAUC A GUAGAGGU 3110 AGCTCTCG GGCTAGCTRACAGG GGGGTOT 3152 CCTCAATGA GGCTAGCTCAACGG GTCCCCCA 3153 GAGCACAC A UCAGGGGC CA 3152 CCTCAATGA GGCTAGCTACACGG GTCCCCCA 3153 GAGCTCAA GGCTAGCTACACGG GTCCCCCA 3154 GAGCACAC A UCAGGGCC CA 3155 GAGCTCAA GGCTAGCTACACGG GTCCCCCA 3156 GAGCACAC A UCAGGGCC CA 3157 GAGCACACCA A UCAGGCCC CA 3158 CAACATTT GGCTAGCTACACGG GACCCTGG 3159 AGCATCCA CACACACACA 3158 CAACATTT GGCTAGCTACACGG AGCCCTAGC 3159 ACATCCA GGCTAGCTACACGG AGCCCTAGC 3159 ACATCCA GGCTAGCTACACGG AGCGCTAC 3159 ACATCCA GGCTAGCTACACGG ACCGATTG 3150 CACCULAC A CUALGGCC 3171 GGCGTAGG GCTAGCTACACACG ACCGATTG 3150 CACCULAC A CUALGGCC 3171 GGCGTAGG GCTAGCTACACACG ACCGATTG 3150 CACCULACA CACACACAC 3171 GGCGTAGG GCTAGCTACACACA GACAACTT 3153 CACCULACA CACACACAC 3171 GGCGTAGG GCTAGCTACACACA GACAACTT 3153 CACCULACA CACACACACA 3172 CACCULACA CACACACACA 3173 CACCULACACACA GACAACACA 3174 GACACACACACACA GACAACACA 3175 CACACACACACACA GACAACACA 3177 GAGCAGGC CACCCACACACA 3178 GACACACACACACA GACAACACA 3178 GACACACACACACA GACACACACA 3178 GACACACACACA 3178 GACACACACACACA GACACACACA 3179 CAGCCGC A UCACCCC 3170 GACACACACACACA GACACACACA 3170 GACACACACACACA 3171 GCUAGCCGC A UCACCCC 3171 GCUACACCC A UCACCCC 3171 GCUACACCC A UCACCCCC 3171 GCUACACCC A UCACCCC 3171 GCUACACC	9289	CUGAUGAC A CAGCUGGC	3132	GCCAGCTG GGCTAGCTACAACGA GTCATCAG	20522
93131 CCCCCANA CA UCACANA 3119 TCCCTAN GCTANCTRACAACA GCGGGTU 2052- 93136 UGGGGANC A UCGGCGUC 91147 GACGCCAA GGCTACCTACAACAG GATTCCCCA 2052- 93181 GGCGCANC A UUGAGCCUC 9152 GCCCATAGTA GGCTACCTACAACAG GTTCCCCA 2052- 93181 GGCGCANC A UUGAGCCUC 3153 GAGCTCAA GGCTACCTACAACAG GTTCCCCA 2052- 93191 GGCCANC A UUGAGCCUC 3153 GAGCTCAA GGCTACCTACAACAG GTTCCCCA 2052- 9400 UUGAGCCUC A CCUANCCUU 3155 ACGATCAG GGCTACCTACAACAG GATCCCCA 2052- 9400 UUGAGCCUC A CCAAACUUU 3155 ACGATCAG GGCTACCTACAACAG GAGCTCAA 2052- 9410 CUUCUCUC A CAAACUUU 3155 ACGATCAG GGCTACCTACAACAG GACGATAG 2052- 9410 CUUCUCUC A CAAACUUU 3155 ACGATCAG GGCTACCTACAACAG GACGATAG 2053- 9457 GAACCGUC A UGCAGCC 3171 GGCGAAGAG GGCTACCTACAACAG GACGATAG 2053- 9556 AACUUUC A CCUANGCC 3171 GGTGAAAG GGCTACCTACAACAG GACGATAG 2053- 9550 CCCUAAAC A CUUUCACC 3171 GGTGAAAG GGCTACCTACACAG GAAACTCT 2053- 9520 CCCUAACA A CUUUCACC 3171 GGTGAAAG GGCTACCTACACAG GAAACTCT 2053- 9521 AGAALUUC A CAAAAGAG 3192 CCCTTTG GGCTAGCTACAACAG GAAACTCT 2053- 9521 GCCUUAAC A UUGCUCA 3214 GACCACCA GGCTACCTACACAG GAAACTCT 2053- 9721 GCUUUGCC A CUUCCUCA 3214 GACCACA GGCTACCTACACAG GCGCTCAG 2053- 9721 GCUUUGCC A CUUCCUCA 3214 GACCACAG GGCTACCTACACAG GCGCTCAG 2053- 9721 GCUUUGCC A CUUCCUCA 3214 GACCACAG GGCTACCTACACAG GCGCTCAG 2053- 9721 GCUUUGCC A CUUCCUCA 3215 TGAGGAAG GGCTCAG GGCCAAACG 2053- 9721 GCUUUCCC A CUUCCUCA 3216 TGAGGAAG GGCCTCAG GCTACCTACACAG AGAACC A UUCCCCAC A UUCCCCAC A UUCCCCAC 3214 GACCACA GCTACCTACACAG GGACCCAG GCCACACCAG AGAACAC A UUCCCCAC A UUCCCACAC A UUCCCCAC A		GCUGGGAC A CCCGCAUC	3136	GATGCGGG GGCTAGCTACAACGA GTCCCAGC	20523
9318 CCGCGAUL A GUAGAGGU 3114 AGCTCTCG GGCTAGCTACACAGA GATGCGGG 2 (2052) 9388 CCAGGGGC À UCAUUGAG 3152 CTCAATGA GGCTAGCTACACAG GTCCCCCA 2052/ 9381 CGAGGGC À UCAUUGAG 3153 CAGGCGA GGCTAGCTACACAGA GTCCCCCA 2052/ 93910 GGGCAUL À UUGAGCCU 3153 CAGGTCAA GGCTAGCTACACAGA GTCCCCCA 2052/ 9400 UUGAGCU À CUUGAGUU 3155 AGGATAGG GGCTAGCTACACGA GAGCTCAA 2052/ 9400 UUGAGCU À CANAGUUU 3155 AGGATAGG GGCTAGCTACACGA GAGCTCAA 2052/ 9410 CUAUCGUC À CANAGUUU 3156 ACATTT GGCTAGCTACACAGA GAGCTCAA 2052/ 9417 GAACCGUC À UGAGGCC 3171 GGCGTAGG GGCTAGCTACACAGA GACGATAG 2053/ 9526 CCCUARAC À CUUUCACC 3171 GGCGTAGG GGCTAGCTACACAGA GACGATAG 2053/ 9520 CCCUARAC À CUUUCACC 3177 GGCTAGAG GGCTACCTACACAGA GACGATAG 2053/ 9521 CCCUARAC À CUUUCACC 3177 GGCTAGAG GGCTAGCTACACAGA GACGATTC 2053/ 9526 ACACUUU À CCAACAGU 3179 CAGGTTGG GGCTAGCTACACAGA GACATTC 2053/ 9526 NAGACUC À CARAGGG 3122 CCCTTTTG GGCTAGCTACACAGA GATTTAGG 2053/ 9527 CCCUARAC À CUUUCACC 3179 CAGGTTGG GGCTAGCTACACAGA GATATTCT 2053/ 9528 CCCUARAC À CUUUCACC 3214 GACAGCCA GGCTAGCTACACAGA GATTTCT 2053/ 9529 CCCCUCACAC CUUCCUC 3214 GACAGCCA GGCTAGCTACACAGA GATTTCT 2053/ 9721 CUCCCUCC À CUUCCUC 3214 GACAGCCA GGCTAGCTACACAGA GAGATTCT 2053/ 9731 CUCCCUCC À CUUCCUC 3214 GACAGCA GGCTAGCTACACAGA GGAGAGGA 2053/ 9731 CUCCCUCC À CUUCCUC 3214 GAGCAGAG GGCTAGCTACACAGA GAGAGGCA 2053/ 9731 CUCCCUCC À CUUCCUC 3214 GAGCAAGA GGCTAGCTACACAGA GAGAGGCA 2053/ 9731 CUCCCUCC À CUUCCUC 3214 GAGCAAAGA GGCTAGCTACACAGA GAGACGTA 2053/ 9731 CUCCCUCC À CUUCCUC 3216 GAGCAAA GGCTAGCTACACAGA GAGACGTA 2053/ 9731 CUCCCUCC À CUUCCUC 3216 GAGCAAA GGCTAGCTACACAGA GAGACGTA 2054/ 9731 CUCCCUCC À CUUCCUC 3216 GACCAAAGA GGCACACA GGAGCCAA 2054/ 9731 CUCCCUCC À CUUCCUC 3216 GACCAAAGA GGCACACA GGAGCCAA 2054/ 9731 AAUUCACA A UUUCACUG 3246 CAACAAAA GGCTACCTACACAA GGAACCAA 2054/ 9731 AAUUCACA A UUCCCCA 3246 CAACAAAA GGCTACCTACAACAA GGAACCAA 2054/ 9731 AAUUCACA A UUCCACA 3247 CTCTCTGA GGCTACCTACAACAA GAACACA 2054/ 9731 AAUUCACA A UUCCACA 3252 TGCACAA GGCTACCTACAACAA GAACACA 2054/ 9731 GAGCUACA A UUCCACA 3252 TGCACAA GGCTACCTACAACAA GAACACA			3139	TCTCGTGA GGCTAGCTACAACGA GCGGGTGT	20524
			3140	AGCTCTCG GGCTAGCTACAACGA GATGCGGG	20525
9391 GGGCCRUC A UUGAGCUC 3153 GAGCTCAA GGCTAGCTACAACGA GATGGCCC 2052 9400 UUGAGCUC A CCUANDCOU 3155 ACCATCAG GGCTAGCTACAACGA GAGCTCAA 9410 CUGAGCUC A CAAAGUUG 3158 ACCATCTAG GGCTAGCTACAACGA GAGCTCAA 9417 GAACCGUC A UGGAUGUC 3158 ACCATCTAG GGCTAGCTACAACGA GACCGTTC 2053 9457 GAACCGUC A UGGAUGUC 3171 GGCGTAGG GGCTAGCTACAACGA GACCGTTC 2053 9506 AAGRUUGUC A CUCANGCC 3171 GGCGTAGG GGCTAGCTACAACGA GACCAGTT 2053 9520 CCCUANAC A CUUUCACC 3177 GGTGAAAG GGCTAGCTACAACGA GACACTT 2053 9521 ACACCUUC A CCAACCUG 3179 GGTGAAAG GGCTAGCTACAACGA GATTAGGG 2053 9526 ACACCUUC A CCAACCUG 3179 GGTGAAAG GGCTAGCTACAACGA GATAGGG 2053 9667 UUCAGCCGC A UUGCUCC 3204 GACCACCC GGCTAGCTACAACGA GATTTCT 2053 9721 GCUUUGCC A CCUCGCUC 3214 GACCACCC GGCTAGCTACAACGA GGCCTGA 2053 9721 CUCGCUCC A CUUCCUCC 3219 TOAGGAAG GGCTAGCTACAACGA GGCCAGA 2053 9721 GCUUGCC A CUUCCUCC 3219 TOAGGAAG GGCTAGCTACAACGA GGCCAGA 2053 9721 GCUUGCC A CUUCCUCC 3219 TOAGGAAG GGCTAGCTACAACGA GTCTTCC 2053 9816 CAGGUUUC A UUUUCCUC 3216 GAGCAACG GGCTAGCTACAACGA GTCTTCC 2053 9816 CAGGUUUC A UUUUCCUC 3216 GAGCAACG GGCTAGCTACAACGA GTCTTCC 2053 9817 AUUUCACUC 3220 CAGTGACTACAACGA GAATGTCT 2054 9820 CUCANACC A UUUCACUC 3214 CAATTCAG GGCTAGCTACAACGA GATTCTTC 2054 9821 CUCANACC A UUUCACUC 3221 CAATTCAG GGCTAGCTACAACGA GATTCATCC 2054 9821 CUCANACC A UUUCACUC 3224 CAATTCAG GGCTAGCTACAACGA GAATCATC 2054 9821 CUCANACC A UUUCACUC 3224 CAATTCAG GGCTAGCTACAACGA GAATCATC 2054 9821 CUCANACC A UUUCACUC 3224 CAATTCAG GGCTAGCTACAACGA GAATCATC 2054 9821 CUCANACC A UUUCACUC 3224 CAACGACGA GGCTAGCTACAACGA GAATCAATC 2054 9826 GAGAGACA C UUGCAGAG 3224 CACCACGA GGCTAGCTACAACGA GAATCAATC 2054 9827 AUUUGAUCC A UUCCACGAG 3224 CACCACGA GGCTAGCTACAACGA GAATCAATC 2054 9828 CUCANACCA C UUCCACGAG 3224 CACCACGA GGCTAGCTACAACGA GAATCAATC 2054 9829 GUGGUUCC A UUCCACGAG 3224 CACCACGA	9368	UGGGGAAC A UCGGCGUC	3147	GACGCCGA GGCTAGCTACAACGA GTTCCCCA	20526
9391 GGGCCRUC A UUGAGCUC 3153 GAGCTCAA GGCTACCAACGA GACTCCCA 2052 9410 UUGAGCUC A CCURDICGU 3155 ACARTCC GGCTAGCTACACGA GACTCCCA 2052 9410 CUAUCGUC A CAAAGUUG 3155 ACARTCCA GGCTAGCTACCAACGA GACCGTCC 2053 9457 GAACCGUC A UGAGUCG 3171 GGGTAGCTACCAACGA GACCGTCC 2053 9457 GAACCGUC A UGAGUCG 3171 GGGTAGCTACCAACGA GACAGCACT 2053 9526 ACARCUUC A CCUACGCC 3177 GGGTAGCTACCAACGA GACAGCACT 2053 9526 ACACCUUC A CCAACCUG 3177 GGGTAGCTACCAACGA GACAGCACT 2053 9526 ACACCUUC A CCAACCUG 3179 CGGTAGCTACCAACGA GACAGTCT 2053 9526 ACACCUUC A CCAACCUG 3179 CGGTAGCTACCAACGA GACAGTCT 2053 9526 ACACCUUC A CCAACCUG 3199 CACGTTGG GCCTAGCTACCAACGA GAGAGTTT 2053 9527 GCUUDAGC A CAACAGGG 3192 CCCTTTTG GGCTAGCTACCAACGA GAGGTTT 2053 9528 ACACCUUC A CUUCACCC 3214 GACAGCCA GGCTAGCTACCAACGA GAGGTTT 2053 9521 GCUUDGCC A CUUCACUC 3214 GACAGCCA GGCTAGCTACCAACGA GGCTAGCTACCAACGA GAGTTTCT 2053 9731 CUCGCUC A CUUCACUC 3219 TGAGGAAG GGCTAGCTACCAACGA GGCTAGCTACCAACGA GGCTAGCTACCAACGA GACCACCA 2053 9731 CUCGCUC A CUUCACUC 3219 TGAGGAAG GGCTAGCTACCAACGA GGCTAGCTACCAACGA GGCTAGCTACCAACGA GACCACCA 2053 9810 CUCACAACCA UUUUCACUC 3216 GAGCAACA GGCTAGCTACCAACGA GGTACCTACCAACGA GACCACCA 2053 9810 CUCACAACCA UUUUCACUC 3216 GAGCAACA GCCTACCAACGA GATACCTC 2054 9810 CUCACAACCA UUUUCACUC 3216 GAGCAACA GCCTACCAACGA GAAATGGT 2054 9810 CUCACAACCA UUUUCACUC 3216 GAGCAACA GCCTACCAACGA GAAATGGT 2054 9810 CUCACAACCA UUUCACUC 3214 CAATCCAG GGCTAGCTACCAACGA GAAATGGT 2054 9810 CUCACAACCA UUUCACUC 3240 CAACCCAG GGCTAGCTACCAACGA GAAATGGT 2054 9810 CUCACAACCA CUUCACCA 3240 ACCACCAG GGCTAGCTACCAACGA GAACCAC 2054 9810 GAGGAGAC A CUGCUCCA 3240 ACCACCAG GGCTAGCTACCAACGA GAACCAC 2054 9810 GAGGAGAC A CUGCUCCA 3240 ACCACCAG GGCTAGCTACCAACGA GAACCAC 2054 9810 GAGGAGAC A CUGCUCCA 3255 CACCACGAG GGCTAGCTACCAACGA GTCCACCAC 2054 9810 CUCACACCA	9388	CCAGGGCC A UCAUUGAG	3152	CTCAATGA GGCTAGCTACAACGA GGCCCTGG	20527
9410 CUNGAGUIC À CUINDUCUI 3155 ACGATRAGA GECTARCANCGA GACGATCA 2052 9410 CUNUCUIC À CANAGUUG 3158 CACATTRO GECTAGCTACANCGA GACGATCA 2052 9457 GARCOGUE À UGGAUGUU 3165 AACATCA GECTAGCTACANCGA GACGATCT 2053 9505 AAGUUGUE À CUIUCACC 3171 GGGGTAGG GACGATCT 2053 9506 CACCURAGA À CUIUCACC 3171 GGGGTAGG GACGATCTACANCGA GACCACTT 2053 9520 CCUIARA À CUIUCACC 3177 GGGGTAGG GACGATCACANCGA GACACTT 2053 9520 CCUIARA À CUIUCACC 3179 CAGGTTGG GACAGAGA GATTATTC 2053 9526 ACACUUU À CANAGGG 3179 CAGGTTGG GACAACACGA GAAAGTGT 2053 9526 ACACUUU À CANAGGG 3179 CAGGTTGG GACAACACGA GAAAGTGT 2053 9501 AGANACIC À CANAAGGG 3192 CACTTTTG GACTAGCAACAGA GAATTTTC 2053 9501 AGANACIC À CUICCUCA 3224 GACACCCA GCCTAGCTACANCGA GATTTTCT 2053 9731 CUICCUCC 3224 GACACCCA GCCTAGCTACANCGA GACACAC 2053 9731 CUICCUCC 3224 GACACACCA GCCTAGCTACANCGA GGACACAC 2053 9731 CUICCUCC 3224 GACACAC ACCACACACA GCCTAGCTACANCGA GACACAC 2053 9731 CUICCUCC 3224 GACACAC GCCTAGCTACANCGA GGACACAC 2053 9731 CUICCUCC 3224 GACACAC GACACACACA GCCTAGCTACANCGA GAACCCG 2053 9731 CUICCUCC 3224 GACAANG GGCTAGCTACANCGA GAACCCG 2053 9731 CUICCUCC 3224 GACAANG GGCTAGCTACANCGA GAACCCG 2053 9731 CUICANACC À UUUCACUC 3226 GACAAAGGA GACACACA GACTACACACA GACACAC GACACAC CUICCUCC 3224 CACACACA CUICCUCC 3224 CACACACA CUICCACACAC 3224 CACACACA GACACACACA GACACACA GACACAC CUICCACACACA GACACAC CUICCACACACA GACACACAC CUICCACACACA GACACACAC CUICCACACACAC CUICCACACACAC CUICCACACACACACACACACACACACACACACACACACA	9391		3153	GAGCTCAA GGCTAGCTACAACGA GATGGCCC	20528
9457 GAACCGUC A UGGAUGUU 3165 AACAYCCA GGCTAGCTACAACGA GACGGTTC 2053: 9505 AAGUUGUC A CCUAGACC 3171 GGCGTAGG GGCTAGCTACAACGA GACAACTT 2053: 9520 CCUAAAC A CUMUCACC 3177 GGTGAAAG GGCTAGCTACAACGA GTTAGGG 2053: 9526 ACACUUUC A CCAACCUG 3179 CAGGTGG GGCTAGCTACAACGA GACAACTT 2053: 9526 ACACUUUC A CCAACCUG 3179 CAGGTGG GGCTAGCTACAACGA GACAGTTCT 2053: 9526 ACACUUUC A CCAACCUG 3179 CAGGTGG GGCTAGCTACAACGA GAAGTTCT 2053: 9501 AGAAACGC A CCAACGCA GGCTAGCTACAACGA GAAGTTCT 2053: 9501 AGAACCUC A CAAAAGGG 3192 CCCTTTTG GGCTAGCTACAACGA GAGGTTCT 2053: 9571 CUCGCCCC A CUCCCUC 3214 GACAGCA GGCTAGCTACAACGA GGCACTAG 2053: 9721 GCUUGCC A CUUCCUCA 3214 GACGAGG GGCTAGCTACAACGA GGGAAGC 2053: 9731 CUCGCUCC A CUUCCUCA 3217 TAGAGAAG GGCTAGCTACAACGA GGGAGAG 2053: 9731 CUCGCUCC A CUUCCUCA 3217 TAGAGAAG GGCTAGCTACAACGA GGCAAAGC 2053: 9736 GCAAAGAC A UCCAAACG 3227 CTCTTGGA GGCTAGCTACAACGA GGCTAGCCTACACGA GGAGGAA 97327 CTCTTGGA GGCTAGCTACAACGA GTCTTTGC 2053: 9816 CACAAAAG CA UUUCACUC 3226 GACAAAA GGCTAGCTACAACGA GTCTTTGC 2053: 9835 ACCAUUUC A CUGAAUUG 3240 CAGTGAAA GGCTAGCTACAACGA GTCTTTGC 2053: 98367 ACCAUUUC A CUGAAUUG 3241 CAATCAG GGCTAGCTACAACGA GTCTTAGA 2054 GACAAAAA GGCTAGCTACAACGA GAATTGCT 2054: 9846 GGAAGAAC A CUGAUUGU 3241 CAATCAG GGCTAGCTACAACGA GAATTGT 2054: 9847 AAUUGAUC A UGAAUGG 3241 CAATCAG GGCTAGCTACAACGA GATTCATC 2054: 9846 GGAAGAAC A CUGGUUGU 3244 ACCACCAG GGCTAGCTACAACGA GATCAATT 2054: 9846 GGAAGAAC A CUGGUUGU 3241 CAATCAG GGCTAGCTACAACGA GATCAACGA GAACCA C3644 GGAAGAAC A CUGGUUGU 3258 ACAACCAC GGCTAGCTACAACGA GAACCA C2644 GGAAGAAC A CUGGUUGU 3258 ACAACCAC GGCTAGCTACAACGA GAACCA C2644 GGAAGAAC A CUGGUUCCA 3252 TGCAACAG GGCTAGCTACAACGA GAACCA C2644 GAAGACCA C3644 GAAGAACA C3644 GAAGAACA C3644 GAAGAACA C3644 GAACAACA C3644 GAAGAACA C3646 GAAGAACA	9400		3155	ACGATAGG GGCTAGCTACAACGA GAGCTCAA	20529
S555 ANGUIUGUC A CCUACGCC 3171 GGCGTAGG GGCTAGCTACAACGA GACAACTT 2053; 9526 CCCUARAC A CUTUCACC 3177 GGTGAAAG GGCTAGCTACAACGA GTTTAGG 2053; 9526 ACACUUUC A CCARCCUG 3179 GGTGAAG GGCTAGCTACAACGA GAAAGTGT 2053; 9526 ACACUUC A CARAAGGG 3192 CCCTTTTG GGCTAGCTACAACGA GAAAGTGT 2053; 9527 GGUUGCC A CARAAGGG 3192 CCCTTTTG GGCTAGCTACAACGA GGACGTGA 2053; 9528 GCUUGCCC A CUUCCUCA 3214 GACAGCGA GGCTAGCTACAACGA GGCAGCTGA 2053; 9721 GCUUGCC A CUUCCUCA 3215 TARGGAAG GGCTAGCTACAACGA GGCAGAGC 2053; 9731 CUUGCUCC A CUUCCUCA 3215 TARGGAAG GGCTAGCTACAACGA GGCAGAGC 2053; 9731 CUUGCUCC A CUUCCUCA 3215 TARGGAAG GGCTAGCTACAACGA GGCCAAGC 2053; 9736 CCAAAGAC A UUUCACUG 3226 GACAAAAA GGCTAGCTACAACGA GGCCTATTGC 2053; 9816 CAGGUUCC A UUUUCACUG 3226 GACAAAAA GGCTAGCTACAACGA GGTCTTTGC 2054; 9817 ACCUAAACCA UUUUCACUG 3226 GACAAAAA GGCTAGCTACAACGA GGTCTTTGC 2054; 9827 AAUUGAUC A UUUGACUG 3226 GACAAAAA GGCTAGCTACAACGA GGTCTTTAGG 2054; 9827 AAUUGAUC A UUGAAUUG 3241 CAATTCAG GGCTAGCTACAACGA GGAACCTG 2054; 9827 AAUUGAUC A UUGAAUUG 3241 CAATTCAG GGCTAGCTACAACGA GAACTGT 2054; 9827 AAUUGAUC A UUGAAUUG 3241 CAATTCAG GGCTAGCTACAACGA GAACTGT 2054; 9827 AAUUGAUC A UUGAAUGG 3247 CCTCGGCA GGCTAGCTACAACGA GAACTGT 2054; 9827 GUGGUUCC A UUGCUUGU 3228 ACAAGCAG GGCTAGCTACAACGA GAACCAC 2054; 9938 GUGCUUCC A UUGCUUGU 3228 ACAAGCAG GGCTAGCTACAACGA GGACCC 2054; 9939 GUACUUCC A CAGAAGAG 3277 CTTCTCTG GGCTAGCTACAACGA GGACCC 2054; 9939 GUACUUCC A CAGAAGAG 3272 CTTCTTCTG GGCTAGCTACAACGA GGACCC 2054; 9939 GUACUUCC A CAGAAGAG 3272 CTTCTTCTG GGCTAGCTACAACGA GGACCC 2054; 9026 GACGUCC A UUGCCUCC 3281 GGACCACG GGCTAGCTACAACGA GGACCC 2054; 9027 CAAGAGAC A CUUGCGAC 3223 GGACCAG GGCTAGCTACAACGA GGACCC 2054; 9028 GACGACC A UUGCCACC 3223 GGACCAG GGCTAGCTACAACGA GGCTCCC 2056; 9029 GACGACC A UUGCCACC 3223 GGACCAG GGCTAGCTACAACGA	9410	CUAUCGUC A CAAAGUUG	3158	CAACTITG GGCTAGCTACAACGA GACGATAG	20530
9520 CCCURANC A CUUUCACC 3177 GGGGAAG GGGTAGCTRCAACGA GTTTAGGG 2053: 9526 ACACUUUC A CCARACCUG 3179 CAGGTTGG GGCTAGCTRCAACGA GARAGTT 2053-9611 AGAACCUC A CARAAGGG 3192 CCCTTTTG GGCTAGCTRCAACGA GARAGTT 2053-9617 UCAGCCGC A UGGCUGUC 3204 GACAGCCA GGCTAGCTRCAACGA GARAGTT 2053-9721 GCUUUGCC A CUCGCUC 3214 GACAGCCA GGCTAGCTRCAACGA GCGGCTGA 2053-9721 GCUUUGCC A CUUCCUCA 3219 TAGAGAAG GGCTAGCTRCAACGA GGACAAGC 2053-9731 CUCGCUCC A CUUCCUCA 3219 TAGAGAAG GGCTAGCTRCAACGA GGACAGC 2053-9731 CUCGACCC A UUUUGCUC 3214 GACCAGAG GGCTAGCTRCAACGA GGACCAG 2053-9731 CUCGACACC A UUUUGCUC 3214 GACCAGAG GGCTAGCTRCAACGA GGACCAG 2053-9731 CUCGAACCA UUUUGCUC 3240 GACCAAAA GGCTAGCTACAACGA GGACCAG 2053-9816 CAGGUUCC A UUUUGCUC 3240 CAGTTAGA GGCTAGCTACAACGA GTCTTTGC 2053-9816 CAGGUUCC A UUUUGCUC 3240 CAGTTAGA GGCTAGCTACAACGA GATACTT 2054-9817 AAUUGAUC A UUUAGCUC 3240 CAGTTAGA GGCTAGCTACAACGA GATACTT 2054-9818 CUCAAACC A UUUCACUG 3240 CAGTTAGA GGCTAGCTACAACGA GATACTT 2054-9813 ACCAUUUC A UGAACUG 3241 ACCACCAG GGCTAGCTACAACGA GATACTT 2054-9813 AAUUGAUC A UGAACGAG 3244 ACCACCAG GGCTAGCTACAACGA GATCAATT 2054-9813 GACCUCCA UUCCCAA 3252 TGGAGATA GGCTAGCTACAACGA GATCAATT 2054-9913 GACCUCCA UUCCCAA 3252 TGGAGATA GGCTAGCTACAACGA GAACCAC 2054-9913 GACCUCCA UUCCCAA 3252 TGGAGATA GGCTAGCTACAACGA GCGAGCT 2054-9914 UCCCGCAC A UUUCCCCA 3252 TGTGAGATA GGCTAGCTACAACGA GCGAGCT 2054-9914 UCCCGCAC A UUUCCCC 3251 GGACCAC GGCTAGCTACAACGA GCGAGCT 2054-9914 UCCCGCAC A UUUCCCC 3251 GGACCAC GGCTAGCTACAACGA GCGAGCT 2054-9914 UCCCGCAC A UUUCCCC 3251 GGACCAC GGCTAGCTACAACGA GCGAGCT 2054-9014 UCCCGCAC A UUUCCCC 3251 GGACCAC GGCTAGCTACAACGA GCGAGCT 2054-9014 UCCCGCAC A UUUCCCC 3251 GGACCAC GGCTAGCTACAACGA GCGACCC 2054-9014 UCCCGCAC A UUUCCCC 3251 GGACCAC GGCTAGCTACAACGA GGCTACCTCACCA CUUCCCA 3255 GGACCAC GGCTAGCTACAACGA GGCTACTCTC 2055-9014 GCCGAUCC A UUCCAGCA GCGAGCAC C	9457	GAACCGUC A UGGAUGUU	3165	AACATCCA GGCTAGCTACAACGA GACGGTTC	20531
9526 ACACUJUC A CCARCUIG 3179 CAGGTTGG GGCTAGCTACAACGA GAAAGTCT 2053: 9601 AGAAACUC A CARAAGGG 3192 CCCTTTTG GGCTAGCTACAACGA GGGTTGCT 9607 UCAGCCGC A UGGCUGUC 3214 GACAGCCA GGCTAGCTACAACGA GGGCTGG 9721 GCUUGCCC A CUUGCUCA 3214 GACAGCCA GGCTAGCTACAACGA GGCAAGCA 9721 CUCGCUCC A CUUGCUCA 3214 GACAGCCA GGCTAGCTACAACGA GGCAAGCC 9731 CUCGCUCC A CUUGCUCA 3219 TGAGGAAG GGCTAGCTACAACGA GGCAAGCC 9731 CUCGCUCC A CUUCCUCA 3219 TGAGGAAG GGCTAGCTACAACGA GGCAAGCC 9731 CUCAACCA UUUCACUG 3226 GACCAAAG GGCTAGCTACAACGA GGCAAGCC 9731 CUCAAACCA UUUCACUG 3226 GACCAAAG GGCTAGCTACAACGA GGCAAGCC 9731 CUCAAACCA UUUCACUG 3240 CAGTAAAA GGCTAGCTACAACGA GGCAACCC 9731 CUCAAACCA UUUCACUG 3240 CAGTAAAA GGCTAGCTACAACGA GGAACCT 9731 CUCAAACCA UUUCACUG 3240 CAGTAAAA GGCTAGCTACAACGA GAATGCT 9731 CUCAAACCA UUUCACUG 3241 CAATTCAG GGCTAGCTACAACGA GATCTATCA 9731 CACAUUCA CUGAAUUG 3241 CAATTCAG GGCTAGCTACAACGA GATCTATCA 9731 CACAUUCA CUGAAUGU 3241 ACCACCAG GGCTAGCTACAACGA GATCAATT 9731 CACAUUCA CUGAAUGU 3244 ACCACCAG GGCTAGCTACAACGA GATCAATT 9731 CACAUUCA CUGAAGCA 3227 CCTCGGCA GGCTAGCTACAACGA GATCAATT 9731 GAGCUCAC A UUCUCACU 3252 TGGAGATTA GGCTAGCTACAACGA GGAACCAC 2054 9731 GAGCUCAC A UUCUCACU 3252 TGGAGATTA GGCTAGCTACAACGA GGAACCAC 2054 9731 GAGCUCAC A UUCUCACU 3252 TGGAGATTA GGCTAGCTACAACGA GGACCCC 2054 9731 GUCGUCAC A UUCUCACU 3252 TGGAGATTA GGCTAGCTACAACGA GGAACCAC 2054 9731 GUCGUCAC A UUCUCACU 3252 TGGAGATTA GGCTAGCTACAACGA GGAACCAC 2054 9731 GUCGUCAC A UUCUCACU 3251 GGACCACG GGCTAGCTACAACGA GGAACCAC 2054 9731 GUCGUCCC A UUCUCACU 3251 GGACCACG GGCTAGCTACAACGA GGACCCC 2054 9731 GUCGUCCC A UUCUCACU 3251 GGACCACG GGCTAGCTACAACGA GGACCCC 2054 10018 UGCGGCUC A UUCUCACU 3251 GGACCACG GGCTAGCTACAACGA GGACCCC 2054 10018 UGCGGCUC A UUCUCACU 3251 GGACCACG GGCTAGCTACAACGA GGACCCC 2054 10018 UGCGGCUC A UUCUCAC 3251 GGACCACG GGCTAGCTACAACGA GGCTTGCT 10018 UGCGGCUC A UUCUCAC 3251 GGACCACG GGCTAGCTACAACGA GGCTTGCT 10018 UGCGGCUC A UUCUCAC 3251 GGACCACG GGCTAGCTACAACGA GGCTAGCTACACGA GGCTTGCT 10018 UGCGCCCA UUCUCAC 3251 GGACCACG GGCTAGCTACAACGA GGCTACCTACACGA G	9505	AAGUUGUC A CCUACGCC	3171	GGCGTAGG GGCTAGCTACAACGA GACAACTT	20532
Sect Aganacut R Carargog 3192 CCCTTTTG GGCTAGCACCA GAGTTTCT 2053 9667 UCAGCCGC R UGCGUGUC 3204 GACAGCCA GGCTAGCTACAACGA GCGGCTTAA 2053 9721 GCUUUGCC A CUUCCUCA 3214 GACCAGCA GGCTAGCTACAACGA GGCARACC 2053 9731 CUCGCUCC A CUUCCUCA 3219 TGAGGAAG GGCTAGCTACAACGA GGCARACC 2053 9766 GCAAAGAC R UCCAAGAG 3227 CTCTTGGA GGCTAGCTACAACGA GGAGCAGA 2053 9766 GCAAAGAC R UCUCACAGAG 3227 CTCTTGGA GGCTAGCTACAACGA GGAGCAGA 2053 9766 GCAAAGAC R UUUCACUC 3236 GAGCAAAA GGCTAGCAACACA GGAGCAGA 2053 9816 CAGGUUCC R UUUUCACUC 3236 GAGCAAAA GGCTAGCAACACA GGATCTGA 2053 9817 CACAUUUCA R UUUCACUC 3240 CAGTGAAA GGCTAGCAACACA GGTTTTGA 2053 9835 ACCAUUUCA A UGAAAGAU 3241 CAATTCAG GGCTAGCTACAACGA GAAATGGT 2054 9847 AAUUGAUC A UGAAAGAU 3243 ATCTTTCA GGCTAGCTACAACGA GATCAATT 2054 9848 GGAAGAAC A CUGGUUGGU 3244 ACCACCAG GGCTAGCTACAACGA GATCAATT 2054 9849 GUGGUUCC A UGCCCAGG 3247 CCTCGGCA GGCTAGCTACAACGA GTTCTTCC 2054 9946 UCCGCGAC A UAUCUCCA 3252 TGGAGATA GGCTAGCTACAACGA GCGACCTC 2054 9946 UCCGCGAC A UGCCUUGU 3258 ACAAGCGA GGCTAGCTACAACGA GCGACCTC 2054 9946 UCCGCGAC A UGCCUCCA 3252 TGGAGATA GGCTAGCTACAACGA GCGACCTC 2054 9946 UCCGCGAC A UGCCUCCA 3252 TGGAGATA GGCTAGCACACACA GCGACCTC 2054 9040 UCCCGCGAC A UGCCUCCA 3252 TGCAGCAA GGCTAGCACACACA GCGACCTC 2054 10010 CCCAACGCC A UUUGCUCC 3281 GGACCAAC GGCGTAGCACAACACA GCGACCTC 2054 10030 CCCAACGCC A UUUGCUCC 3281 GGACCAAC GGCTAGCACAACACA GCGACCTC 2054 10030 CCCAACGCC A UUUGCUCC 3281 GGACCAAC GGCTAGCACAACACA GCGACCTC 2054 10030 CCCAACGCC A UUUGCUCC 3281 GGACCAAC GGCTACCACAACACA GCGACTCC 2054 10030 CCCAACGCC A UUUGCUCC 3281 GGACCACA GGCTACAACACA GCGACTCC 2055 10030 CCCAACGCC A UUUGCUCC 3281 GGACCACA GGCTACAACACA GCGACTCC 2055 10030 CCCAACGCC A UUUGCUCC 3281 GGACCACA GGCTACCACACA GGCTTCTTC 2055 10030 CCCAACGCC A UUUGCUCC 3281 GGC	9520	CCCUAAAC A CUUUCACC	3177	GGTGAAAG GGCTAGCTACAACGA GTTTAGGG	20533
19667	9526	ACACUUUC A CCAACCUG	3179	CAGGTTGG GGCTAGCTACAACGA GAAAGTGT	20534
9721 GCUUUCCC A CUUCGCUC 3214 GAGCGAGG GGCTAGCTACAACGA GGCAAGC 2053' 97311 CUCGCUCC A CUUCCUCA 3219 TGAGGAG GGCTAGCTACAACGA GGAGCGAG 2053' 9736 GCAAGAGC A UCCAAGAG 3227 CTCTTGGA GGCTAGCTACAACGA GGAGCGAG 2053' 9816 CAGGUUCC A UUUUCACUC 3226 GAGCAAAA GGCTAGCTACAACGA GGAGCGAG 2053' 9817 ACCADUUC A CUGAAGUC 3240 CAGTGAAAA GGCTAGCTACAACGA GGAACGTG 2054' 9818 ACCADUUC A CUGAAGUC 3240 CAGTGAAAA GGCTAGCTACAACGA GGAACGTG 2054' 9819 ACCADUUC A CUGAAGUC 3241 CAATTCAG GGCTAGCTACAACGA GGAACGTG 2054' 9817 AAUUGAUC A UGAAAGUU 3241 CAATTCAG GGCTAGCTACAACGA GAATGCT 2054' 9817 AAUUGAUC A UGAAAGAU 3243 ATCTTCA GGCTAGCTACAACGA GAATGCT 2054' 9816 GUAGAUCC A UGCCGAGG 3247 CCTCGGGA GGCTAGCTACAACGA GAATGCT 2054' 9817 AUUGAUC A UGAAAGAU 3243 ATCTTCA GGCTAGCAACACA GAATGCT 2054' 9818 GUAGUUCC A UGCCGAGG 3247 CCTCGGGA GGCTAGCAACACA GGAACCCC 2054' 9819 GUAGUUCC A UGCCGAGG 3247 CCTCGGGA GGCTAGCAACACA GGAACCCC 2054' 9913 GAGCUCGC A UGCCUCGU 3252 TGGAGATA GGCTAGCAACACA GGAACCC 2054' 9914 UCCCGCAAC A CUGCUGUU 3258 ACAACGC GGCTAGCTACAACGA GGCAACCCC 2054' 10018 UGCGGCCA C UUUGCUCC 3252' TGGAGATA GGCTAGCTACAACGA GGAACTAC 2054' 10030 CCAACGCC A UUUGCUCC 3261 GGAACCAC GGCTAGCTACAACGA GGAACTAC 2054' 10030 CCAACGCC A UUUGCUCC 3281 GGACCAC GGCTAGCTACAACGA GGAACTAC 2054' 10030 CCAACGCC A UUUGCUCC 3281 GGACCAC GGCTAGCTACAACGA GGACCTC 2054' 10030 CCAACGCC A UUUGCUCC 3281 GGACCAC GGCTAGCTACAACGA GGCCTTC 2055' 10084 GUCGGACAC 3295 TGCATGGA GGCTAGCTACAACGA GGCCTTC 2055' 10086 GUCCAUCC A UGCAGGA 3295 TGCATGGA GGCTAGCTACAACGA GGCCTTC 2055' 10086 GUCCAUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGCCTTC 2055' 10086 GUCCAUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGCTTCTC 2055' 10087 GAAGAACC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGCTTCTC 2055' 10086 GUCCAUCC A UGCAGGAG 3391 CTCCTCTG GGCTAGCTACAACGA GGTCTTC 2055' 10087 GAAGAACC A UGUUGAGA 3391 CCTCCAAC GGCTAGCTACAACGA GGTCTTCTC 2055' 10088 GUCCAUCC A UGCAGGAG 3391 CCTCCTGC GGCTAGCTACAACGA GGTCCTCTC 2056' 10089 GUCCAUCC A UGCAGGAG 3391 CCTCCTGA GGCTAGCTACAACGA GGCCTTCTC 2056' 10080 GUCCAUCC A UGUAGAGC 3311	9601	AGAAACUC A CAAAAGGG	3192	CCCTTTG GGCTAGCTACAACGA GAGTTTCT	20535
97511 CUCGCUCC A CUUCCUCA 3219 TGAGGAAG GGCTAGCTACAACGA GGAGCGAG 2053 97666 GCAAAGAC A UCCAAGAG 3227 CTCTTGGA GGCTAGCTACAACGA GTCTTTTGC 2053 98161 CAGGUUCC A UUUUCACUG 3240 CAGTGAAAA GGCTAGCTACAACGA GGATCTTGC 2054 9830 CUCAAACC A UUUUCACUG 3240 CAGTGAAAA GGCTAGCTACAACGA GGATCTGG 9835 ACCAUUUC A CUGAACUG 3240 CAGTGAAA GGCTAGCTACAACGA GGATCAGT 9835 ACCAUUUC A CUGAACUG 3241 CAATTCAG GGCTAGCTACAACGA GAACGAT 9836 ACCAUUUC A UGAAGUG 3241 CAATTCAG GGCTAGCTACAACGA GAACAAT 9847 AAAUUGAUC A UGAGUGGU 3244 ACCACCAG GGCTAGCTACAACGA GATCAATT 9856 GGGAGAAC A CUGGUGGU 3244 ACCACCAG GGCTAGCTACAACGA GTTCTTCC 2054 9876 GUGGUUCC A UGCCGAGG 3247 CCTCGGCA GGCTAGCTACAACGA GTTCTTCC 2054 9876 GUGGUUCC A UGCCGAGG 3247 CCTCGGCA GGCTAGCTACAACGA GTCTTTCC 2054 9913 GAGCUCCC A UGCCUUGU 3255 TGCAAGCA GGCTAGCTACAACGA GGAACCAC 2054 9946 UCCGCGAC A CUGCUUGU 3258 ACAAGCAG GGCTAGCTACAACGA GGAAGCAC 2054 10018 UGCGGCUC A UGGCCAAC 3277 GTTGGCCA GGCTAGCTACAACGA GGAAGTAC 2054 10018 UGCGGCUC A UGGCCAAC 3277 GTTGGCCA GGCTAGCTACAACGA GGAAGTAC 2054 10030 CCAACGCC A UUUCCUCC 3281 GGAGCACA GGCTAGCTACAACGA GGAGCTCC 2054 10030 CCAACGCC A UUUCCUCC 3281 GGAGCACA GGCTAGCTACAACGA GGACCACC 2054 10030 CCAACGCC A UUUCCUCC 3293 GGACCAC GGCTAGCTACAACGA GGACCAC 2054 10030 CCAACGCC A UUUCGUCC 3293 GGACCAC GGCTAGCTACAACGA GGACCAC 2054 10084 CGUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGACCACC 2055 10088 GUCCAUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGACCACC 2055 10226 GACGGCC A UGUUCGAG 3311 CCCCCAAC GGCTAGCTACAACGA GGACCACC 2055 10226 GACGGCC A UGUUCGAG 3311 CCCCCAAC GGCTAGCTACAACGA GGACCACC 2055 10226 GACGGCC A UGUUCGAG 3311 CCCCCAAC GGCTAGCTACAACGA GGACCACC 2055 10227 CAGAGAAC A UCCUGGGA 3318 GGCTAGCTACAACGA GGCTAGCTACAACGA GCTACTCTC 2055 10228 GAGAGACA UCCUGGGCA 3323 TGCCCCAC GGCTAGCTACAACGA GCTCCTCC 2055 10228 GAGAGACA UCCUGGGCA 3331 ACACCAGA GGCTAGCTACAACGA GCTCCTCC 2055 10228 GAGAGACA UCCUGGGCA 3331 ACACCAGA GGCTAGCTACAACGA GCTCCTCC 2055 10228 CAGAGAAC A UCCAGGGA 3331 ACACCAGA GGCTAGCTACAACGA GCTCCTCC 2055 10350 AUGAGACC A CAGAGAG 3331 ACACCAGA GGCTAGCTAC	9667	UCAGCCGC A UGGCUGUC	3204	. GACAGCCA GGCTAGCTACAACGA GCGGCTGA	20536
9766 GCAAAGAC A UCCAAGAG 3227 CTCTTGGA GGCTAGCTACAACGA GTCTTTGC 2053: 9816 CAGGUUCC A UUUUGCUC 3236 GAGCAAAA GGCTAGCTACAACGA GGAACCTG 2054: 9837 CUCAAACCA A UUUCACUG 3240 CAGTGAAA GGCTAGCTACAACGA GGAACCTG 2054: 9838 ACCAUUUC A CUGAAUUG 3241 CAATTCAG GGCTAGCTACAACGA GAAATGGT 2054: 9847 AAUUGAUC A UGAAAGAU 3241 CAATTCAG GGCTAGCTACAACGA GAAATGGT 2054: 9847 AAUUGAUC A UGAAAGAU 3244 ACCACCAG GGCTAGCTACAACGA GAATGGT 2054: 9848 GGAAGAACA A CUGGUUGGU 3244 ACCACCAG GGCTAGCTACAACGA GATCAATT 2054: 9876 GUGGUUCC A UGCCGAGG 3247 CCTCGGCA GGCTAGCTACAACGA GATCAATT 2054: 9913 GAGCUCCC A UGCCUGGA 3252 TGGAGATA GGCTAGCTACAACGA GGAACCAC 2054: 9914 GUCCGGCAC A CUGCUUGU 3258 ACAAGCAG GGCTAGCTACAACGA GGAACCAC 2054: 9998 GUACUUCC A CAGAAGAG 3272 CTCTTCTG GGCTAGCTACAACGA GGAACCAC 2054: 10018 UGCGGCAC A UUUGCCC 3281 GGAGCAC GGCTAGCTACAACGA GGAACTACACGA GCAACGA GCTAGCTACAACGA GCAACGA CACCAACGA GCAACGA GCAACAA A UCCAGGGGA 3318 GCCACCGA GCCAACAAA A CCCAACAAA 3334 ACCCCACACA A UGCAGACA A CACACAACA 3334 CCCACCACA A UGCAACACA A UGCAACACA A GCACACACA A GCACACACA	9721	GCUUUGCC A CCUCGCUC	3214	GAGCGAGG GGCTAGCTACAACGA GGCAAAGC	20537
9816 CAGGUUCC A UUUUGCUC 3235 GAGCAAAA GGCTAGCTACAACGA GGAACCTG 2054 9830 CUCAAACC A UUUCACUG 3240 CAGTGAAA GGCTAGCTACAACGA GGATTGAG 2054 9847 AAUUGAUC A UGAAAGU 3241 CAATTCAG GGCTAGCTACAACGA GAAATGT 2054 9847 AAUUGAUC A UGAAAGU 3243 ATCTTCAG GGCTAGCTACAACGA GAACAATT 2054 9846 GGAAGAAC A CUGUUGU 3244 ACCACCAG GGCTAGCTACAACGA GATCAATT 2054 9847 GIGGUUCC A UGCUUGU 3247 CCTCGGCA GGCTAGCTACAACGA GTCTCTC 2054 9913 GAGCUCG A UGCUUGU 3252 TGGAGATA GGCTAGCTACAACGA GGAGCCC 2054 9914 UCCGCGAC A UGCUUGU 3258 ACAAGCAG GGCTAGCTACAACGA GGAGTACC 2054 10018 UCCGCGAC A UGCCCAC 3277 GTTGGCA GGCTAGCTACAACGA GGAGTGCC 2054 10018 UCCGGCCA A UUUGCUCC 3281 GGACCAC GGCTAGCTACAACGA GGCTTCTC 2055 10075 GAAGAACC A UUCGUCC 3293 GGACCAC GGCTAGCTACAACGA GGTTCTCTC 2055 10088 GUUCAUCC A UCCAUGCA 3297 CTCCTCCA GGCTAGCTACAACGA GGTTCTCTC <	9731	CUCGCUCC A CUUCCUCA	3219	TGAGGAAG GGCTAGCTACAACGA GGAGCGAG	20538
Section	9766	GCAAAGAC A UCCAAGAG	3227	CTCTTGGA GGCTAGCTACAACGA GTCTTTGC	20539
9835 ACCAUUUC A CUGAAUUG 3241 CAATTCAG GGCTAGCTACAACGA GAAATGGT 2054 9847 AAUUGAUC A UGAAAGAU 3243 ATCTTTCA GGCTAGCTACAACGA GATCAATT 2054 9864 GGAAGAAC A CUGGUGGU 3244 ACCACCAG GGCTAGCTACAACGA GTTCTTCC 2054 9876 GUGGUUCC A UGCCCAGG 3247 CCTCGGCA GGCTAGCTACAACGA GTTCTTCC 2054 9876 GUGGUUCC A UGCCCAGG 3247 CCTCGGCA GGCTAGCTACAACGA GGAACCAC 2054 9913 GAGCUGCC A UGUCUCCA 3252 TGGGAATA GGCTAGCTACAACGA GGAAGCTC 2054 9946 UCCGCGAC A CUGCUUGU 3258 ACAAGCAG GGCTAGCTACAACGA GGAAGCTC 2054 10018 UGCGGGCAC A UGUCUCCA 3277 GTTGGCCA GGCTAGCTACAACGA GGAAGTTC 2054 10018 UGCGGCAC A UGUCUCCC 3281 GGAGCAAG GGCTAGCTACAACGA GGAAGTTC 2054 10075 GAAGAACC A CUGCUUGU 3293 GGACCACG GGCTAGCTACAACGA GGCGTACC 2054 10076 GAAGAACC A CUGCUGCC 3281 GGAGCAAG GGCTAGCTACAACGA GGCGTTCC 2055 10084 CGUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGCTTTCC 2055 10088 GUCCAUCC A UGCAGGAG 3295 TGCATGGA GGCTAGCTACAACGA GGACCACG 2055 10120 CACAGGGAC A UGUUGAGG 3301 CTCCAACA GGCTAGCTACAACGA GACCACG 2055 10226 GACGUCC A UAUUCAGG 3311 CCTGAACA GGCTAGCTACAACGA GTCCTCTC 2055 10228 GAGAGGAC A UGUUGAGG 3311 CCTGAACA GGCTAGCTACAACGA GTCCTCTC 2055 10252 UGAUUGAC A CAAGAGCC 3318 GGCTCTG GGCTAGCTACAACGA GTCCTCTC 2055 10252 UGAUUGAC A CAAGAGCC 3318 GGCTCTG GGCTAGCTACAACGA GTCCTCTC 2055 10252 UGAUUGAC A CAAGAGCC 3323 TGCCCACG GGCTAGCTACAACGA GTCCTCTC 2055 10252 UGAUUGAC A CAGGUGA 3323 TGCCCACG GGCTAGCTACAACGA GTCCTCTC 2055 10252 UGAUUGAC A CAAGAGCC 3325 TGCCCACG GGCTAGCTACAACGA GTCCTCTC 2055 10252 UGAUUGAC A CAGGUGA 3334 ATCTCCAG GGCTAGCTACAACGA GTCTCTCC 2055 10252 UGAUUGAC A UGCAGGAG 3325 TGCCCACG GGCTAGCTACAACGA GTCTCTCC 2055 10252 UGAUUGAC A UGCAGGAG 3325 TGCCCACG GGCTAGCTACAACGA GTCTCTCC 2055 10252 UGAUUGAC A UGCAGGAG 3325 TGCCCACG GGCTAGCTACAACGA GTCTCTCA 2056 10359 AUGAGCC A CAGGACA 3334 ATCTCCAG GGCTAGCTACA	9816	CAGGUUCC A UUUUGCUC	3236	GAGCAAAA GGCTAGCTACAACGA GGAACCTG	20540
9844 AAUUGAUC A UGAAAGAU 3243 ATCTTTCA GGCTACAACGA GATCAATT 2054 9864 GGAAGAC A CUGGUGGU 3244 ACCACCAG GGCTACAACGA GTTCTTCC 2054 9976 GUGGUUCC A UGCCAGGG 3247 CCTCGGCA GGCTAGCTACAACGA GTTCTTCC 2054 9913 GAGCUCGC A UAUCUCCA 3252 TGGAGATA GGCTAGCTACAACGA GGAACCAC 2054 9914 UCCGCGAC A CUGCUUGU 3258 ACAAGCAG GGCTAGCTACAACGA GTCCCGGA 2054 9998 GUACUUCC A CAGAAGAG 3277 GTTGGCA GGCTAGCTACAACGA GGAGCTC 2054 10018 UGCGGCUC A UGGCCAAC 3277 GTTGGCA GGCTAGCTACAACGA GGAGCTAC 2054 10030 CCAACGCC A UUUGCUCC 3281 GGAGCAAC GGCTAGCTACAACGA GGCTTGC 2055 10075 GAAGAACC A CGUGGUCC 3291 GGACCAGG GGCTAGCTACAACGA GGCTTCC 2055 10084 CGUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGCTTCC 2055 10120 CAGAGGAC A UGUUGGAG 3297 CTCCTGCA GGCTAGCTACAACGA GGACCAC 2054 10120 CAGAGGAC A UGUUGGAG 3297 CTCCTGCA GGCTAGCTACAACGA GGACCAC 2055 10206 GACGUCC A UGUUGGAG 3311 CCTCAACA GGCTAGCTACAACGA GGACCAC 2055 10226 GAAGGACC A UGUUGGAG 3311 CCTCAACA GGCTAGCTACAACGA GGACCAC 2055 10226 GAAGGACC A UGUUGGAG 3311 CCTCAACA GGCTAGCTACAACGA GGCACCT 2055 10226 GAAGGACC A UGUUGGAG 3313 ACACCAGAG GGCTAGCTACAACGA GGCACCT 2055 10226 GAAGGACC A UGUUGGAG 3313 ACACCAGAG GGCTAGCTACAACGA GCCATCTC 2055 10226 GAAGAGCA A UCCAGGUG 3313 ACACCAGAG GGCTAGCTACAACGA GCCATCTC 2055 10227 UGAUUGGC A CAAGAGCC 3318 GGCTCTG GGCTAGCTACAACGA GCCATCTC 2055 10228 GAAGAACA A UCCAGGUG 3323 TGCCCACG GGCTAGCTACAACGA GCCATCTC 2055 10226 CCGGAGCC A CAGAGACC 3323 TGCCCACG GGCTAGCTACAACGA GCCATCTC 2055 10227 UGAUUGGC A UAGAGACC 3318 GGCTCTG GGCTAGCTACAACGA GCCATCTC 2055 10228 CAGAAAAC A UCCAGGUG 3323 TGCCCACG GGCTAGCTACAACGA GCCATCCT 2056 10342 UGAGUUCA A UAGAGAG 3334 ACTCCCAG GGCTAGCTACAACGA GCATCCT 2056 10342 UGAGAGC A CAGAGACA 3334 ACTCCCAG GGCTAGCTACAACGA GCATCCT 2056 10343 AUGAGUCA A UAGAGAG 3334 CACTCTTTA GGCTAGCTACAACGA GATCCT 20	9830	CUCAAACC A UUUCACUG	3240	CAGTGAAA GGCTAGCTACAACGA GGTTTGAG	20541
9864 GGAAGRAC A CUGGUGGU 3244 ACCACCAG GGCTAGCTACAACGA GTTCTTCC 2054 9876 GUGGUUCC A UGCCGAGG 3247 CCTCGGCA GGCTAGCTACAACGA GGAACCAC 2054 9913 GAGCUGGC A UAUCUCCA 3252 TGGAGATA GGCTAGCTACAACGA GGACCAC 2054 9946 UCCGCGAC A CUGCUUGU 3258 ACAAGCAG GGCTAGCTACAACGA GTCGCGGA 2054 9998 GUACUUCC A CAGAAGAG 3272 CTCTTCTG GGCTAGCTACAACGA GAGCCGCA 2054 10018 UGCGGCCA C UGUGCCC 3281 GGAGCAAA GGCTACCAACGA GAGCCGCA 2054 10030 CCAACGCC A UUUGCUCC 3293 GGACCACG GGCTAGCTACAACGA GGCTTGC 2055 10084 CGUGGUC A UCCAUGCA 3293 GGACCACG GGCTAGCTACAACGA GGACCCC 2055 10088 GUCCAUCC A UGCAUGA 3295 TCCCTGCA GGCTAGCTACAACGA GGACCCC 2055 10120 CAGAGGAC A UGUGGUGU 3311 CCTCAACA GGCTAGCTACAACGA GGACTCTTC 2055 10228 GACGUCCC A UGUUGGAG 3311 CCTCAACA GGCTACCAACGA GTCCTTC 2055 10228 GAGAGGAC A UGUGGUGU 3313 ACACCACA GCTACAACGA GTCCTTC<	9835	ACCAUUUC A CUGAAUUG	3241	CAATTCAG GGCTAGCTACAACGA GAAATGGT	20542
9876 GUGGUUCC A UGCCGAGG 3247 CCTCGGCA GGCTAGCTACAACGA GGAACCAC 2054 9913 GAGCUCGC A UAUCUCCA 3252 TGGAGATA GGCTAGCTACAACGA GCGAGCTC 2054 9946 UCCGCGAC A CUGCUUGU 3258 ACAAGCAG GGCTAGCTACAACGA GTCGCGGA 2054 9998 GUACUUCC A CAGAAGAG 3272 CTCTTCTG GGCTAGCTACAACGA GTCGCGGA 2054 10018 UGCGGGCU A UGGCCAAC 3277 GTTGGCCA GGCTAGCTACAACGA GAGACTAC 2054 10030 CCAACGCC A UUUCCUC 3281 GGACCACA GGCTAGCTACAACGA GAGCCGCA 2054 10035 CGAAGACC A CUUGCUC 3283 GGACCACG GGCTAGCTACAACGA GGCTTTCT 2055 10084 CGUGGUCC A UCCAUGCA 3293 GGACCACG GGCTAGCTACAACGA GGTTCTTC 2055 10088 GUCCAUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGACCAC 2055 10206 GACGUCCC A UCCAUGCA 3297 CTCCTGCA GGCTAGCTACAACGA GGACCAC 2055 10210 CAGAGGAC A UGUUGGAG 3301 CTCCAACA GGCTAGCTACAACGA GGACCAC 2055 10226 GACGUCCC A UAUUCAGG 3311 CCTCAACA GGCTAGCTACAACGA GGACGAC 2055 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAG GGCTAGCTACAACGA GCCATCCA 2055 10252 UGAUUGGA A CAAGAGCC 3318 GGCTTTTG GGCTAGCTACAACGA GCCATCA 2055 10252 UGAUUGGA A CAAGAGCC 3318 GGCTCTTG GGCTAGCTACAACGA GCCATCA 2055 10254 CCCGAGGC A CUUGGGCA 3323 TGCCCACG GGCTAGCTACAACGA GCCATCA 2055 10255 UGAUUGGA A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GCCATCA 2055 10267 CCCGAGCC A CUUGGGCA 3334 ATCTCCGA GGCTAGCTACAACGA GTTTCTTC 2055 10369 AUGAUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GTTTCTTC 2056 10369 AUGAGAUC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GTTATCTC 2056 10369 AUGAGAUC A UGAGUUCA 3336 CTCTTTTA GGCTAGCTACAACGA GATCATCA 2056 10369 AUGAGACC A CAGUACUG 3341 CACTACTA GGCTAGCTACAACGA GATCATCA 2056 10436 AUGAGACC A CAGUACUG 3341 CACTACTA GGCTAGCTACAACGA GACCTCCA 2056 10436 AUGAGACC A CAGUACUG 3341 CACTACTA GGCTAGCTACAACGA GACCTCTCA 2056 10436 AUGAGACC A CAGUACUG 3341 CACTACTA GGCTAGCTACAACGA GACCTCTCA 2056 10446 AGGACCCC A CAGGACC 3405 GGCTAGCTACAACGA GCCTAC	9847	AAUUGAUC A UGAAAGAU	3243	ATCTTTCA GGCTAGCTACAACGA GATCAATT	20543
9913 GAGCUCGC A UAUCUCCA 3252 TGGAGATA GGCTAGCTACAACGA GCGAGCTC 2054 9946 UCCGGACA C CUGCUUGU 3258 ACAAGCAG GGCTAGCTACAACGA GTCGCGGA 2054 10918 GUACUUCC A CAGAAGAG 3272 CTCTTCTG GGCTAGCTACAACGA GGAAGTAC 2054 10018 UGCGGCUC A UGGCCAAC 3277 GTTGGCCA GGCTAGCTACAACGA GGAAGTAC 2054 10030 CCAACGCC A UUGCUCC 3221 GGACCAAC GGCTAGCTACAACGA GGACGCA 2054 10030 CCAACGCC A UUGCUCC 3221 GGACCAC GGCTAGCTACAACGA GGCCGCA 2054 10075 GAAGAACC A CGUGGUCC 3223 GGACCAC GGCTAGCTACAACGA GGCTTGG 2055 10088 GUCCAUCC A UGCAGGAG 3295 TGCATGGA GGCTAGCTACAACGA GGCTGCT 10088 GUCCAUCC A UGCAGGAG 3295 TGCATGGA GGCTAGCTACAACGA GGACCAC 2055 10120 CAGAGGAC A UGUUGAGG 3301 CTCCAACA GGCTAGCTACAACGA GGACCAC 2055 10220 CAGAGGAC A UGUUGAGG 3311 CCCTGAACA GGCTAGCTACAACGA GGACCAC 2055 10228 GAGAGGAC A UGUUGAGG 3311 CCTGAACA GGCTAGCTACAACGA GGACCAC 2055 10228 GAGAGGAC A UCUGGUGU 3313 ACACCACA GGCTAGCTACAACGA GGACCAC 2055 10228 UGAUUGAC A CAAGAGCC 3318 GGCTCTTG GGCTAGCTACAACGA GGCAACCA 2055 10267 CCCGAGCC A CGUGGGCA 3323 TGCCCACG GGCTAGCTACAACGA GCCAACCA 2055 10262 CAGAAACA A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GCCAACCA 2055 10262 CAGAAACA A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GCCAACCA 2055 10315 GAGCAAUC A UGGGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GCTAGCTC 10342 UGGAUUAC A UCAGGUGU 3333 TGCCCACG GGCTAGCTACAACGA GTTTTCTC 2055 10315 GAGCAAUC A UCGGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GTTTTCTC 2056 10342 UGGAUUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GTTTTCTC 2056 10340 AUGAGUC A UAAAGAG 3336 CACTGGG GGCTAGCTACAACGA GAACCCAT 2056 10350 AUGAGUC A CAGUUUG 3331 CACCAGG GGCTAGCTACAACGA GAACCCAT 2056 10369 AUGAGAC A CACUUUG 3331 CACCAGG GCTAGCTACAACGA GAACCCAT 2056 10369 AUGAGACC A CAGUUCG 3341 CACTTCAG GGCTAGCTACAACGA GAACCCAT 2056 10369 AUGAGAC A CACUUUG 3331 CACCAGG GGCTAGCTACAACGA GAACCCAT 2056 10360 AUGAGAC A CAGUUCG 3341 CACTTCAG GGCTAGCTACAACGA GAACCCAT 2056 10436 AAGUAGC A UAAAAGAG 3336 CACTTCTAG GGCTAGCTACAACGA GCATCCT 2056 10436 AAGUAGC A CAGUACGG 3346 CACTTTTAG GGCTAGCTACAACGA GCATCCT 2056 10461 AGGACCC A CGGGCCC 3405 GGCGGG GGCTAGCTACAACGA GCATCC	9864	GGAAGAAC A CUGGUGGU	3244	ACCACCAG GGCTAGCTACAACGA GTTCTTCC	20544
9946 UCCGGGAC A CUGCUUGU 3258 ACAAGCAG GGCTAGCTACAACGA GTCGCGGA 2054 9998 GUACUUCC A CAGAAGAG 3272 CTCTTCTG GGCTAGCTACAACGA GGAAGTAC 2054 10018 UGCGGCUC A UGGCCAAC 3277 GTTGGCCA GGCTAGCTACAACGA GAGCCGCA 2054 10030 CCAACGCC A UUUGCUCC 3281 GGACCAAA GGCTAGCTACAACGA GAGCCGCA 2055 10075 GAAGAACC A CGUGGUCC 3293 GGACCACG GGCTAGCTACAACGA GGCCCAG 2055 10084 CGUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGATGGAC 2055 10120 CAGAGGAC A UGCUGGAG 3301 CTCCACAC GGCTAGCTACAACGA GGATGGAC 2055 10226 GACGUCC A UAUUCAGG 3311 CCTCAACA GGCTAGCTACAACGA GTCCTCTC 2055 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GCCAATCA 2055 10229 UGAUUGGC A CUGGGGCA 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 2055 10252 UGAUUGGA 3323 TGCCCACG GCTAGCTACAACGA GCCAATCA 2055 10267 CCCGAGCC A CGUGGGCA 3325 CACCTGGA GGCTAGCTACAACGA G	9876	GUGGUUCC A UGCCGAGG	3247	CCTCGGCA GGCTAGCTACAACGA GGAACCAC	20545
9998 GUACUUCC A CAGAAGAG 3272 CTCTTCTG GGCTAGCTACAACGA GGAAGTAC 2054 10018 UGCGGCUC A UUGCCCAC 3277 GTTGGCCA GGCTAGCTACAACGA GAGCCGCA 2054 10030 CCAACGCC A UUUGCUCC 3281 GGAGCAAG GGCTAGCTACAACGA GAGCCGCA 2055 10075 GAAGAACC A CUUGGUCC 3293 GGACCACG GGCTAGCTACAACGA GGCTTGC 2055 10084 CGUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGTTCTTC 2055 10088 GUCCAUCC A UGCAGGAG 3297 CTCCTGCA GGCTAGCTACAACGA GGACCACG 2055 10120 CAGAGGAC A UGUUGGAG 3301 CTCCAACA GGCTAGCTACAACGA GGATCGCC 10206 GACGUCCC A UUUCAGG 3311 CCTCAACA GGCTAGCTACAACGA GGACGCC 2055 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GGCACTC 2055 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GTCCTCTC 2055 10225 UGAUUGGC A CAAGAGCC 3318 GGCTTGT GGCTAGCTACAACGA GCCAATCA 2055 10226 CCCGAGCC A CAUGGGGA 3323 TGCCCACG GGCTACCAACGA GCCAATCA 2055 10226 CCCGAGCC A CUCGAGGA 3323 TGCCCACG GGCTACCAACGA GTCTCTC 2055 10236 CCGAAAAC A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GTCTTCT 2055 10315 GAGCADUC A UCGAGGU 3325 CACCTGGA GGCTAGCTACAACGA GTTTTCTC 2055 10315 GAGCADUC A UCGAGGU 3334 ATCTCCGA GGCTAGCTACAACGA GTTTTCTC 2055 10342 UGGAUUAC A UCGAGGU 3335 TGAACTCA GGCTAGCTACAACGA GTTTTCTC 2056 10342 UGGAUUAC A UCAGGUG 3336 CTCTTTTAG GGCTAGCTACAACGA GTTTTCTC 2056 10350 AUGAAGUC A CUAAAGAG 3336 CTCTTTTAG GGCTAGCTACAACGA GTAATCCA 2056 10350 AUGAAGUC A CAGUUUG 3336 CAACTTCA GGCTAGCTACAACGA GTAATCCA 2056 10350 AUGAAGUC A CAGUACUG 3331 CAACTTCA GGCTAGCTACAACGA GTAATCCA 2056 10367 UUCAGGAC A CAGUUUG 3336 CAACTTTA GGCTAGCTACAACGA GTCTTCAT 2056 10367 UUCAGGAC A CAGUUUG 3336 CAACTTTA GGCTAGCTACAACGA GTCTTCAT 2056 10367 AUGAAGAC A CAGUUUG 3336 CAACTTTA GGCTAGCTACAACGA GTCTTCAT 2056 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GCATCCTT 2056 10641 AGGACCC A CAUGUUG 3377 ACAACATG GGCTAGCTACAACGA GCATCCTT 2056 10643 GACCCC A CAUGUUG 3376 GGCTGCTACAACGA GCCTACCAACGA GCGCGCC 3067 10643 GACCCC A CAUGUUG 3377 ACAACATG GGCTAGCTACAACGA GCGTCTTCA 2056 10644 AGGACCC A CAUGUUGAA 3378 TTACAACA GGCTAGCTACAACGA GCGCTCTCACACGA GCGCCCC 3405 GGCCCCG 3405 GGCCCC GGCTAGCTACAA	9913	GAGCUCGC A UAUCUCCA	3252	TGGAGATA GGCTAGCTACAACGA GCGAGCTC	20546
10018 UGCGGCUC A UGGCCAAC 3277 GTTGGCCA GGCTACAACGA GAGCCGCA 2054 10030 CCAACGCC A UUUGCUCC 3281 GGAGCAAA GGCTACCAACGA GGCTTTGG 2055 10075 GAAGAAC A CGUGGUCC 3293 GGACCACG GGCTACCACCAA GGTTCTTC 2055 10084 CGUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTACCAACGA GGACCACG 2055 10120 CAGAGGAC A UGUUGGAG 3301 CTCCAACA GGCTACCACACGA GGACGTC 2055 10226 GACGUCCC A UAUUCAGG 3311 CCTGAATA GGCTACCACACGA GGCCTCCTCTC 2055 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTACCACACGA GCCCTCCCC 2055 102252 UGAUUGGC A CAGGGCA 3318 GGCTCTTG GGCTACCACCGA GCCAATCA 2055 10282 CAGAAAAC A UCCAGGUG 3323 TGCCCACG GGCTACCAACGA GTTTCTCC 2055 103282 CAGAAAAC A UCCAGGUG 3334 ATCTCCGA GGCTACCAACGA GTTTCTCC 2055 103342 UGGAUUC A UGAGGAG 3334 ATCTCCGA GGCTACCAACGA GTTTCCC 2056 10342 UGGAUUC A UGAGGAG 33336 CTCTTTAG GGCTACCAACGA GTTCTCAT 2056	9946	UCCGCGAC A CUGCUUGU	3258	ACAAGCAG GGCTAGCTACAACGA GTCGCGGA	20547
10030 CCAACGCC A UUUGCUCC 3281 GGAGCAAA GGCTACAACGA GGCTTGG 2055 10075 GAAGAACC A CGUGGUCC 3293 GGACCACG GGCTAGCTACAACGA GGTTCTC 2055 10084 CGUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGACCACG 2055 10088 GUCCAUCC A UGCAGGAG 3297 CTCCTGCA GGCTAGCTACAACGA GGATGGAC 2055 10120 CAGAGGAC A UGUUGGAG 3301 CTCCAACA GGCTAGCTACAACGA GTCCTCTG 2055 10206 GACGUCCC A UAUUCAGG 3311 CCTGAATA GGCTAGCTACAACGA GTCCTCT 2055 10228 GACGAGCA A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GCCAATCA 2055 10252 UGAUUGGC A CAAGAGCC 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 2055 10267 CCCGAGCC A CGUGGGA 3323 TGCCCACG GGCTAGCTACAACGA GCCTTCGG 2055 10382 CAGAAAAC A UCCAGGUG 3323 TGCCCACG GGCTAGCTACAACGA GTTTCTC 2056 10342 UGGAUUCA A UGAGUUCA 3334 ATCTCCGA GGCTAGCTACAACGA GTTTCTC 2056 10350 AUGAGUUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GTACCAT	9998	GUACUUCC A CAGAAGAG	3272	CTCTTCTG GGCTAGCTACAACGA GGAAGTAC	20548
10075 GAAGAACC A CGUGGUCC 3293 GGACCACG GGCTAGCTACAACGA GGTTCTTC 2055	10018	UGCGGCUC A UGGCCAAC	3277	GTTGGCCA GGCTAGCTACAACGA GAGCCGCA	20549
10084 CGUGGUCC A UCCAUGCA 3295 TGCATGGA GGCTAGCTACAACGA GGACCACG 2055 10088 GUCCAUCC A UGCAGGAG 3297 CTCCTGCA GGCTAGCTACAACGA GGATGGAC 2055 10120 CAGAGGAC A UGUUGGAG 3301 CTCCAACA GGCTAGCTACAACGA GTCCTCTG 2055 10206 GACGUCCC A UAUUCAGG 3311 CCTGAATA GGCTAGCTACAACGA GGGACGTC 2055 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GTCCTCTC 2055 10252 UGAUUGGC A CAAGAGCC 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 2055 10267 CCCGAGCC A CGUGGGCA 3323 TGCCCACG GGCTAGCTACAACGA GTTTCTG 2055 10315 GAGCABUC A UCGAGGU 3325 CACCTGGA GGCTAGCTACAACGA GTTTCTG 2056 10315 GAGCABUC A UCGAGGU 3335 TGAACTCA GGCTAGCTACAACGA GTTATCCA 2056 10342 UGGAUUAC A UCGAGGU 3336 CTCTTTAG GGCTAGCTACAACGA GTTATCCA 2056 10350 AUGAGGUC A CAACUUG 3338 CAACTTG GGCTAGCTACAACGA GTCTCAT 2056 10369 AUGAAGAC A CAACUUG 3341 CAGTACTT GGCTAGCAACGA GTCTACAACGA GT	10030	CCAACGCC A UUUGCUCC	3281	GGAGCAAA GGCTAGCTACAACGA GGCGTTGG	20550
10088 GUCCAUCC A UGCAGGAG 3297 CTCCTGCA GGCTAGCTACAACGA GGATGGAC 2055 10120 CAGAGGAC A UGUUGGAG 3301 CTCCAACA GGCTAGCTACAACGA GTCCTCTG 2055 10206 GACGUCCC A UAUUCAGG 3311 CCTGAATA GGCTAGCTACAACGA GGCAGTC 2055 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTACCAACGA GCCAATCA 2055 10252 UGAUUGGC A CAGAGCC 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 2055 10267 CCCGAGCC A CGUGGGCA 3323 TGCCCAGG GGCTAGCTACAACGA GCCAATCA 2055 10282 CAGAAACA A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GCTTCTTG 2055 10315 GAGCAAUC A UCGAGGU 3334 ATCTCCGA GGCTAGCTACAACGA GTTTCTT 2056 10342 UGGAUUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GTATCCA 2056 10350 AUGAGUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GACTCAT 2056 10369 AUGAGAGA C ACAGUUG 3341 CAGTACTT GGCTAGCTACAACGA GTCTTCAT 2056 10436 AAGUAUGC A UAAAAGG 3341 CAGTACTACAACGA GCCTACAACGA GCCTACAACGA	10075	GAAGAACC A CGUGGUCC	3293	GGACCACG GGCTAGCTACAACGA GGTTCTTC	20551
10120 CAGAGGAC A UGUUGGAG 3301 CTCCAACA GGCTACAACGA GTCCTCTG 2055 10206 GACGUCCC A UAUUCAGG 3311 CCTGAATA GGCTAGCTACAACGA GGGACGTC 2055 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GTCCTCTC 2055 10252 UGADUGGC A CGUGGGCA 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 2055 10267 CCCGAGCC A CGUGGGCA 3323 TGCCCAGG GGCTAGCTACAACGA GTTTTCTG 2055 10315 GAGCAAUC A UCGGAGU 3325 CACCTGGA GGCTACCAACGA GTTTTCTG 2056 10342 UGGAUUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GATATCCA 2056 10350 AUGAGUUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GAACTCAT 2056 10369 AUGAAGAC A CAACUUUG 3334 CAATCTTTAG GGCTAGCTACAACGA GTCTTCAT 2056 10369 AUGAAGAC A CAGUUUG 3341 CAGTACTACAACGA GTCTTCAT 2056 10436 AAGUAUGC A UAAAAGU 3346 CACTTTTA GGCTACCAACGA GCCTCCAA 2056 10436 AAGUAUGC ACGGAACC 3367 GGCTTACCAACGA GGCTACCAACGA GGCGTC	10084	CGUGGUCC A UCCAUGCA	3295	TGCATGGA GGCTAGCTACAACGA GGACCACG	20552
10206 GACGUCCC A UAUUCAGG 3311 CCTGAATA GGCTAGCTACAACGA GGGACGTC 2055 10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GTCCTCTC 2055 10252 UGAUUGGC A CAAGAGCC 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 2055 10267 CCCGAGCC A CUCAGGUG 3323 TGCCCACG GGCTAGCTACAACGA GCTTCTCG 2055 10315 GAGCAAUC A UCGAGGU 3334 ATCTCCGA GGCTAGCTACAACGA GATTGCTC 2056 10315 GAGCAUC A UGAGGUCA 3334 ATCTCGA GGCTAGCTACAACGA GATTGCTC 2056 10342 UGGAGUCA A UGAAGGA 3336 CTCTTTAG GGCTAGCTACAACGA GATTCCA 2056 10350 AUGAGACA C CUAAAGAG 3338 CAAAGTTG GGCTAGCTACAACGA GATCTCAT 2056 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAACACGA GCCTCAA 2056 10436 <td>10088</td> <td>GUCCAUCC A UGCAGGAG</td> <td>3297</td> <td>CTCCTGCA GGCTAGCTACAACGA GGATGGAC</td> <td>20553</td>	10088	GUCCAUCC A UGCAGGAG	3297	CTCCTGCA GGCTAGCTACAACGA GGATGGAC	20553
10228 GAGAGGAC A UCUGGUGU 3313 ACACCAGA GGCTAGCTACAACGA GTCCTCTC 2055 10252 UGAUUGGC A CAAGAGCC 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 2055 10267 CCCGAGCC A CGUGGGCA 3323 TGCCCACG GGCTAGCTACAACGA GCCTGGG 2055 10282 CAGAAAC A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GTTTTCTG 2055 10315 GAGCAAUC A UGAGUUCA 3335 TGAACTAC GGCTAGCTACAACGA GTTTTCTG 2056 10342 UGGAUUCA 3335 TGAACTAC GGCTAGCTACAACGA GTATCCA 2056 10350 AUGAGUUC A UGAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GAACTCAT 2056 10369 AUGAAGAC A CAACUUUG 3338 CAAAGTTG GGCTAGCTACAACGA GATCTCAT 2056 10436 AAGUAUGC A UAAAAGUG 3341 CAGTACTG GGCTAGCTACAACGA GCCTCAA 2056 10528 UUCCCGC<	10120	CAGAGGAC A UGUUGGAG	3301	CTCCAACA GGCTAGCTACAACGA GTCCTCTG	20554
10252 UGATUGGC A CAAGAGCC 3318 GGCTCTTG GGCTAGCTACAACGA GCCAATCA 2055 10267 CCCGAGCC A CGUGGGCA 3323 TGCCCACG GGCTAGCTACAACGA GGCTCGGG 2055 10282 CAGAAAAC A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GTTTTCTG 2055 10315 GAGCAAUC A UCGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GATTACTC 2056 10342 UGGAUUC A CUAAAGAG 3335 TGAACTCA GGCTAGCTACAACGA GTATACCA 2056 10350 AUGAGUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GACTCAT 2056 10369 AUGAGGAC A CAACUUUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTCAT 2056 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAGCTACAACGA GTCTCAA 2056 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCCTCAA 2056 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 2056 10604 AGUGAUCC A UGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGTCCT 2056 10641 AGGACCCC A CUGUUGU 3378 TTACAACA GGCTAGCTACAACGA GGGCTCT	10206	GACGUCCC A UAUUCAGG	3311	CCTGAATA GGCTAGCTACAACGA GGGACGTC	20555
10267 CCCGAGCC A CGUGGGCA 3323 TGCCCACG GGCTAGCTACAACGA GGCTCGGG 2055 10282 CAGAAAAC A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GTTTTCTG 2055 10315 GAGCAAUC A UCGGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GATTGCTC 2056 10342 UGGAUUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GTAATCCA 2056 10350 AUGAGUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GAACTCAT 2056 10369 AUGAAGAC A CAACUUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTCAT 2056 10387 UUGAGGAC A CAGUACG 3341 CACTTTA GGCTAGCTACAACGA GTCTCAA 2056 10436 AAGUAUGC A UGAAAGU 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 2056 10528 UUCCCGCC A CGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GCGGGAA 2056 10643 </td <td>10228</td> <td>GAGAGGAC A UCUGGUGU</td> <td>3313</td> <td>ACACCAGA GGCTAGCTACAACGA GTCCTCTC</td> <td>20556</td>	10228	GAGAGGAC A UCUGGUGU	3313	ACACCAGA GGCTAGCTACAACGA GTCCTCTC	20556
10282 CAGAAAAC A UCCAGGUG 3325 CACCTGGA GGCTAGCTACAACGA GTTTTCTG 2055 10315 GAGCAAUC A UCGGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GATTGCTC 2056 10342 UGGAUUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GTAATCCA 2056 10350 AUGAGGUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GAACTCAT 2056 10369 AUGAAGAC A CAACUUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTCAA 2056 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAGCTACAACGA GTCCTCAA 2056 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GTCCTCAA 2056 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 2056 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 2056 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTACAACGA GTGGGTC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTACAACGA GTGGGTC 2056 10675 AACGCCCC A CGCGCCC 3405 GGCCCGG GGCTACCAACGA GTCTACAACGA GTGGGT<	10252	UGAUUGGC A CAAGAGCC	3318	GGCTCTTG GGCTAGCTACAACGA GCCAATCA	20557
10315 GAGCAAUC A UCGGAGAU 3334 ATCTCCGA GGCTAGCTACAACGA GATTGCTC 2056 10342 UGGAUUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GTAATCCA 2056 10350 AUGAGUUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GAACTCAT 2056 10369 AUGAGAC A CAACUUUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTTCAT 2056 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAGCTACAACGA GTCCTCAA 2056 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 2056 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 2056 10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 2056 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 2056 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGCCTTGAC 2057 10759 AACGCCCC A CGCGGCC 3405 GGCCCGG GGCTAGCTACAACGA GCAC	10267	CCCGAGCC A CGUGGGCA	3323	TGCCCACG GGCTAGCTACAACGA GGCTCGGG	20558
10342 UGGAUUAC A UGAGUUCA 3335 TGAACTCA GGCTAGCTACAACGA GTAATCCA 2056 10350 AUGAGUUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GAACTCAT 2056 10369 AUGAAGAC A CAACUUUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTTCAT 2056 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAGCTACAACGA GTCCTCAA 2056 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 2056 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 2056 10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 2056 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 2056 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 2057 10759 AACGCCCC A CGCGCCC 3405 GGGCCGG GGCTAGCTACAACGA GGCGCTT 2057 10938 UAAAGUGC A CGCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTT	10282	CAGAAAAC A UCCAGGUG	3325	CACCTGGA GGCTAGCTACAACGA GTTTTCTG	20559
10350 AUGAGUUC A CUAAAGAG 3336 CTCTTTAG GGCTAGCTACAACGA GAACTCAT 2056 10369 AUGAAGAC A CAACUUUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTTCAT 2056 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAGCTACAACGA GTCCTCAA 2056 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 2056 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 2056 10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 2056 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGTCCT 2056 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGCC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 2057 10759 AACGCCCC A CGCGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GCACTTTA 2057 10938 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057 10910 CACAAAAC 3432 GTGTTTTG GGCTAGCTACAACG	10315		3334		20560
10369 AUGAAGAC A CAACUUUG 3338 CAAAGTTG GGCTAGCTACAACGA GTCTTCAT 2056 10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAGCTACAACGA GTCCTCAA 2056 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 2056 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 2056 10604 AGUGAUCC A UGUAGACC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 2056 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGTCCT 2056 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 2057 10759 AACGCCCC A CGCGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GCACTTTA 2057 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GCACTTTG 2057 10910 CACAAAAC A CACAAAAA 3434 TGTTGTG GGCT	10342		3335	<u> </u>	20561
10387 UUGAGGAC A CAGUACUG 3341 CAGTACTG GGCTAGCTACAACGA GTCCTCAA 2056 10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 2056 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 2056 10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 2056 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 2056 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTACC 2057 10759 AACGCCCC A CGCGGCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 2057 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GTCTTTG 2057 10910 CACAAAAC A CAACAACA 3434 TGTTGTG GGCTAGCTACAACGA GTTTTGTG 2057 10913 AAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GTTTTT	10350	AUGAGUUC A CUAAAGAG	3336		20562
10436 AAGUAUGC A UAAAAGUG 3346 CACTTTTA GGCTAGCTACAACGA GCATACTT 2056 10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 2056 10604 AGUGAUCC A UGUAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 2056 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 2056 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 2057 10759 AACGCCCC A CGCGGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 2057 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GCACTTTG 2057 10910 CACAAAAC 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTGTG 2057 10913 AAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GTGTTTT 2057 10926 AAACAGC A CAACAAAA 3440 TGTCAATA GGCTAGCTACAACGA GTCTATT	10369		3338	<u> </u>	20563
10528 UUCCCGCC A CCGGAAGU 3352 ACTTCCGG GGCTAGCTACAACGA GGCGGGAA 2056 10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 2056 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 2056 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 2057 10759 AACGCCCC A CGCGGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 2057 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGG 2057 10910 CACAAAAC 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTGTG 2057 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GTGTTTT 2057 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GTCTATT 2057 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT	10387		3341		20564
10604 AGUGAUCC A UGUAAGCC 3367 GGCTTACA GGCTAGCTACAACGA GGATCACT 2056 10641 AGGACCCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 2056 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 2057 10759 AACGCCCC A CGCGGCCC 3405 GGGCCGC GGCTAGCTACAACGA GGGGCGTT 2057 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGGG 2057 10910 CACAAAAC 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTGTG 2057 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GTGTTTT 2057 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GTCTATT 2057 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 2057	10436		3346	<u> </u>	20565
10641 AGGACCC A CAUGUUGU 3377 ACAACATG GGCTAGCTACAACGA GGGGTCCT 2056 10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 2057 10759 AACGCCCC A CGCGGCCC 3405 GGGCCGC GGCTAGCTACAACGA GGGGCGTT 2057 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGG 2057 10910 CACAAAAC A CCACAACA 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTGTG 2057 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 2057 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 2057 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 2057	10528	UUCCCGCC A CCGGAAGU	3352	ACTTCCGG GGCTAGCTACAACGA GGCGGGAA	20566
10643 GACCCCAC A UGUUGUAA 3378 TTACAACA GGCTAGCTACAACGA GTGGGGTC 2056 10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 2057 10759 AACGCCCC A CGCGGCCC 3405 GGGCCGC GGCTAGCTACAACGA GGGCGTT 2057 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGG 2057 10910 CACAAAAC A CCACAACA 3434 TGTTGTG GGCTAGCTACAACGA GTTTTGTG 2057 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 2057 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 2057 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 2057	10604	AGUGAUCC A UGUAAGCC	3367	GGCTTACA GGCTAGCTACAACGA GGATCACT	20567
10674 GUCAGACC A CGCUACGG 3386 CCGTAGCG GGCTAGCTACAACGA GGTCTGAC 2057 10759 AACGCCCC A CGCGGCCC 3405 GGGCCGC GGCTAGCTACAACGA GGGCGGTT 2057 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGGG 2057 10910 CACAAAAC A CCACAACA 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTGTG 2057 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 2057 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 2057 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 2057	10641	AGGACCCC A CAUGUUGU	3377	ACAACATG GGCTAGCTACAACGA GGGGTCCT	20568
10759 AACGCCCC A CGCGGCCC 3405 GGGCCGCG GGCTAGCTACAACGA GGGGCGTT 2057 10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGGG 2057 10910 CACAAAAC A CCACAACA 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTGTG 2057 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 2057 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 2057 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 2057	10643		3378		20569
10838 UAAAGUGC A CGGCCCAG 3418 CTGGGCCG GGCTAGCTACAACGA GCACTTTA 2057. 10903 CCCGUGCC A CAAAACAC 3432 GTGTTTTG GGCTAGCTACAACGA GGCACGGG 2057. 10910 CACAAAAC A CCACAACA 3434 TGTTGTGG GGCTAGCTACAACGA GTTTTGTG 2057. 10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GTGTTTT 2057. 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 2057. 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 2057.	10674		3386		20570
10903CCCGUGCC A CAAAACAC3432GTGTTTTG GGCTAGCTACAACGA GGCACGGG205710910CACAAAAC A CCACAACA3434TGTTGTGG GGCTAGCTACAACGA GTTTTGTG205710913AAAACACC A CAACAAAA3436TTTTGTTG GGCTAGCTACAACGA GGTGTTT205710926AAAACAGC A UAUUGACA3440TGTCAATA GGCTAGCTACAACGA GCTGTTTT205710934AUAUUGAC A CCUGGGAU3441ATCCCAGG GGCTAGCTACAACGA GTCAATAT2057	10759	AACGCCCC A CGCGGCCC	3405	GGGCCGCG GGCTAGCTACAACGA GGGGCGTT	20571
10910CACAAAAC A CCACAACA3434TGTTGTGG GGCTAGCTACAACGA GTTTTGTG205710913AAAACACC A CAACAAAA3436TTTTGTTG GGCTAGCTACAACGA GGTGTTTT205710926AAAACAGC A UAUUGACA3440TGTCAATA GGCTAGCTACAACGA GCTGTTTT205710934AUAUUGAC A CCUGGGAU3441ATCCCAGG GGCTAGCTACAACGA GTCAATAT2057	10838	UAAAGUGC A CGGCCCAG	3418		20572
10913 AAAACACC A CAACAAAA 3436 TTTTGTTG GGCTAGCTACAACGA GGTGTTTT 2057 10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 2057 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 2057	10903	CCCGUGCC A CAAAACAC	3432		20573
10926 AAAACAGC A UAUUGACA 3440 TGTCAATA GGCTAGCTACAACGA GCTGTTTT 2057 10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 2057	10910	CACAAAAC A CCACAACA	3434	TGTTGTGG GGCTAGCTACAACGA GTTTTGTG	20574
10934 AUAUUGAC A CCUGGGAU 3441 ATCCCAGG GGCTAGCTACAACGA GTCAATAT 2057	10913	AAAACACC A CAACAAAA	3436	TTTTGTTG GGCTAGCTACAACGA GGTGTTTT	20575
	10926	AAAACAGC A UAUUGACA	3440	TGTCAATA GGCTAGCTACAACGA GCTGTTTT	20576
10967 UGCUCUGC A CAACCAGC 3449 GCTGGTTG GGCTAGCTACAACGA GCAGAGCA 2057	10934		3441	ATCCCAGG GGCTAGCTACAACGA GTCAATAT	20577
	10967	UGCUCUGC A CAACCAGC	3449	GCTGGTTG GGCTAGCTACAACGA GCAGAGCA	20578

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	Table VI					
10977	AACCAGCC A CACGGCAC	3454	GTGCCGTG GGCTAGCTACAACGA GGCTGGTT	20579		
10979	CCAGCCAC A CGGCACAG	3455	CTGTGCCG GGCTAGCTACAACGA GTGGCTGG	20580		
10984	CACACGGC A CAGUGCGC	3456	GCGCACTG GGCTAGCTACAACGA GCCGTGTG	20581		
11021	GCGAGAAC A CAGGAUCU	3461	AGATCCTG GGCTAGCTACAACGA GTTCTCGC	20582		
9	AGUAGUUC G CCUGUGUG	3462	CACACAGG GGCTAGCTACAACGA GAACTACT	20583		
13	GUUCGCCU G UGUGAGCU	3463	AGCTCACA GGCTAGCTACAACGA AGGCGAAC	20584		
15	UCGCCUGU G UGAGCUGA	3464	TCAGCTCA GGCTAGCTACAACGA ACAGGCGA	20585		
19	CUGUGUGA G CUGACAAA	3465	TTTGTCAG GGCTAGCTACAACGA TCACACAG	20586		
32	CAAACUUA G UAGUGUUU	3466	AAACACTA GGCTAGCTACAACGA TAAGTTTG	20587		
35	ACUUAGUA G UGUUUGUG	3467	CACAAACA GGCTAGCTACAACGA TACTAAGT	20588		
37	UUAGUAGU G UUUGUGAG	3468	CTCACAAA GGCTAGCTACAACGA ACTACTAA	20589		
41	UAGUGUUU G UGAGGAUU	3469	AATCCTCA GGCTAGCTACAACGA AAACACTA AGCTCGCA GGCTAGCTACAACGA TGTGTTAA	20590		
66	UUAACACA G UGCGAGCU	3470	ACAGCTCG GGCTAGCTACAACGA ACTGTGTT	20592		
68	AACACAGU G CGAGCUGU	3471	ACAGCICG GGCTAGCTACAACGA TCGCACTG AGAAACAG GGCTAGCTACAACGA TCGCACTG	20593		
72	CAGUGCGA G CUGUUUCU UGCGAGCU G UUUCUUAG	3472	CTAAGAAA GGCTAGCTACAACGA AGCTCGCA	20594		
83	GUUUCUUA G CACGAAGA	3474	TCTTCGTG GGCTAGCTACAACGA TAAGAAAC	20595		
99	AUCUCGAU G UCUAAGAA	3475	TTCTTAGA GGCTAGCTACAACGA ATCGAGAT	20596		
117	CCAGGAGG G CCCGGCAA	3476	TTGCCGGG GGCTAGCTACAACGA CCTCCTGG	20597		
122	AGGGCCG G CAAGAGCC	3477	GGCTCTTG GGCTAGCTACAACGA CGGGCCCT	20598		
128	CGGCAAGA G CCGGGCUG	3478	CAGCCCGG GGCTAGCTACAACGA TCTTGCCG	20599		
133	AGAGCCGG G CUGUCAAU	3479	ATTGACAG GGCTAGCTACAACGA CCGGCTCT	20600		
136	GCCGGGCU G UCAAUAUG	3480	CATATTGA GGCTAGCTACAACGA AGCCCGGC	20601		
144	GUCAAUAU G CUAAAACG	3481	CGTTTTAG GGCTAGCTACAACGA ATATTGAC	20602		
152	GCUAAAAC G CGGAAUGC	3482	GCATTCCG GGCTAGCTACAACGA GTTTTAGC	20603		
159	CGCGGAAU G CCCCGCGU	3483	ACGCGGG GGCTAGCTACAACGA ATTCCGCG	20604		
164	AAUGCCCC G CGUGUUGU	3484	ACAACACG GGCTAGCTACAACGA GGGGCATT	20605		
166	UGCCCCGC G UGUUGUCC	3485	GGACAACA GGCTAGCTACAACGA GCGGGGCA	20606		
168	CCCGCGU G UUGUCCUU	3486	AAGGACAA GGCTAGCTACAACGA ACGCGGGG	20607		
171	CGCGUGUU G UCCUUGAU	3487	ATCAAGGA GGCTAGCTACAACGA AACACGCG	20608		
193	UGAAGAGG G CUAUGUUG	3488	CAACATAG GGCTAGCTACAACGA CCTCTTCA	20609		
198	AGGGCUAU G UUGAGCCU	3489	AGGCTCAA GGCTAGCTACAACGA ATAGCCCT	20610		
203	UAUGUUGA G CCUGAUCG	3490	CGATCAGG GGCTAGCTACAACGA TCAACATA	20611		
215	GAUCGACG G CAAGGGGC	3491	GCCCCTTG GGCTAGCTACAACGA CGTCGATC	20612		
222	GGCAAGGG G CCAAUACG	3492	CGTATTGG GGCTAGCTACAACGA CCCTTGCC	20613		
235	UACGAUUU G UGUUGGCU	3493	AGCCAACA GGCTAGCTACAACGA AAATCGTA	20614		
237	CGAUUUGU G UUGGCUCU	3494	AGAGCCAA GGCTAGCTACAACGA ACAAATCG CAAGAGAG GGCTAGCTACAACGA CAACACAA	20615		
241	UUGUGUUG G CUCUCUUG	3495	GAAGAACG GGCTAGCTACAACGA CAACACAA GAAGAACG GGCTAGCTACAACGA CAAGAGAG	20617		
250	CUCUCUUG G CGUUCUUC CUCUUGGC G UUCUUCAG	3496 3497	CTGAAGAA GGCTAGCTACAACGA GCCAAGAG	20618		
252	UUCUUCAG G UUCACAGC	3497	GCTGTGAA GGCTAGCTACAACGA CTGAAGAA	20619		
268	GGUUCACA G CAAUUGCU	3499	AGCAATTG GGCTAGCTACAACGA TGTGAACC	20620		
274	CAGCAAUU G CUCCGACC	3500	GGTCGGAG GGCTAGCTACAACGA AATTGCTG	20621		
286	CGACCCGA G CAGUGCUG	3501	CAGCACTG GGCTAGCTACAACGA TCGGGTCG	20622		
289	CCCGAGCA G UGCUGGAU	3502	ATCCAGCA GGCTAGCTACAACGA TGCTCGGG	20623		
291	CGAGCAGU G CUGGAUCG	3503	CGATCCAG GGCTAGCTACAACGA ACTGCTCG	20624		
308	AUGGAGAG G UGUGAACA	3504	TGTTCACA GGCTAGCTACAACGA CTCTCCAT	20625		
310	GGAGAGGU G UGAACAAA	3505	TTTGTTCA GGCTAGCTACAACGA ACCTCTCC	20626		
325	AACAAACA G CGAUGAAA	3506	TTTCATCG GGCTAGCTACAACGA TGTTTGTT	20627		
344	CCUUCUGA G UUUUAAGA	3507	TCTTAAAA GGCTAGCTACAACGA TCAGAAGG	20628		
374	CUUGACCA G UGCUAUCA	3508	TGATAGCA GGCTAGCTACAACGA TGGTCAAG	20629		
376	UGACCAGU G CUAUCAAU	3509	ATTGATAG GGCTAGCTACAACGA ACTGGTCA	20630		
387	AUCAAUCG G CGGAGCUC	3510	GAGCTCCG GGCTAGCTACAACGA CGATTGAT	20631		
392	UCGGCGGA G CUCAAAAC	3511	GTTTTGAG GGCTAGCTACAACGA TCCGCCGA	20632		
430	CCGGAAUU G CAGUCAUG	3512	CATGACTG GGCTAGCTACAACGA AATTCCGG	20633		
433	GAAUUGCA G UCAUGAUU	3513	AATCATGA GGCTAGCTACAACGA TGCAATTC	20634		
443	CAUGAUUG G CCUGAUCG	3514	CGATCAGG GGCTAGCTACAACGA CAATCATG	20635		
451	GCCUGAUC G CCAGCGUA	3515	TACGCTGG GGCTAGCTACAACGA GATCAGGC	20636		
455	GAUCGCCA G CGUAGGAG	3516	CTCCTACG GGCTAGCTACAACGA TGGCGATC	20637		
457	UCGCCAGC G UAGGAGCA	3517	TGCTCCTA GGCTAGCTACAACGA GCTGGCGA	20638		
463	GCGUAGGA G CAGUUACC	3518	GGTAACTG GGCTAGCTACAACGA TCCTACGC	20639		
466	UAGGAGCA G UUACCCUC	3519	GAGGGTAA GGCTAGCTACAACGA TGCTCCTA	20640		

	Table VI					
493	AAGGGAAG G UGAUGAUG	3520	CATCATCA GGCTAGCTACAACGA CTTCCCTT	20641		
505	UGAUGACG G UAAAUGCU	3521	AGCATTTA GGCTAGCTACAACGA CGTCATCA	20642		
511	CGGUAAAU G CUACUGAC	3522	GTCAGTAG GGCTAGCTACAACGA ATTTACCG	20643		
520	CUACUGAC G UCACAGAU	3523	ATCTGTGA GGCTAGCTACAACGA GTCAGTAG	20644		
529	UCACAGAU G UCAUCACG	3524	CGTGATGA GGCTAGCTACAACGA ATCTGTGA	20645		
547	UUCCAACA G CUGCUGGA	3525	TCCAGCAG GGCTAGCTACAACGA TGTTGGAA			
				20646		
550	CAACAGCU G CUGGAAAG	3526	CTTTCCAG GGCTAGCTACAACGA AGCTGTTG	20647		
566	GAACCUAU G CAUUGUCA	3527	TGACAATG GGCTAGCTACAACGA ATAGGTTC	20648		
571	UAUGCAUU G UCAGAGCA	3528	TGCTCTGA GGCTAGCTACAACGA AATGCATA	20649		
577	UUGUCAGA G CAAUGGAU	3529	ATCCATTG GGCTAGCTACAACGA TCTGACAA	20650		
586	CAAUGGAU G UGGGAUAC	3530	GTATCCCA GGCTAGCTACAACGA ATCCATTG	20651		
597	GGAUACAU G UGCGAUGA	3531	TCATCGCA GGCTAGCTACAACGA ATGTATCC	20652		
599	AUACAUGU G CGAUGAUA	3532	TATCATCG GGCTAGCTACAACGA ACATGTAT	20653		
623	UUAUGAAU G CCCAGUGC	3533	GCACTGGG GGCTAGCTACAACGA ATTCATAA	20654		
628	AAUGCCCA G UGCUGUCG	3534	CGACAGCA GGCTAGCTACAACGA TGGGCATT	20655		
630	UGCCCAGU G CUGUCGGC	3535	GCCGACAG GGCTAGCTACAACGA ACTGGGCA	20656		
633	CCAGUGCU G UCGGCUGG	3536	CCAGCCGA GGCTAGCTACAACGA AGCACTGG	20657		
637	UGCUGUCG G CUGGUAAU	3537	ATTACCAG GGCTAGCTACAACGA CGACAGCA	20658		
641	GUCGGCUG G UAAUGAUC	3538	GATCATTA GGCTAGCTACAACGA CAGCCGAC	20659		
665	CAUCGACU G UUGGUGCA	3539	TGCACCAA GGCTAGCTACAACGA AGTCGATG	20660		
669	GACUGUUG G UGCACAAA	3540	TTTGTGCA GGCTAGCTACAACGA CAACAGTC	20661		
671	CUGUUGGU G CACAAAGU	3541	ACTITGTG GGCTAGCTACAACGA ACCAACAG	20662		
678	UGCACAAA G UCAGCAGU	3542	ACTGCTGA GGCTAGCTACAACGA TTTGTGCA	20663		
682	CAAAGUCA G CAGUCUAC	3543	GTAGACTG GGCTAGCTACAACGA TGACTTTG	20664		
685	AGUCAGCA G UCUACGUC	3544	GACGTAGA GGCTAGCTACAACGA TGCTGACT	20665		
691	CAGUCUAC G UCAGGUAU	3545	ATACCTGA GGCTAGCTACAACGA GTAGACTG	20666		
696	UACGUCAG G UAUGGAAG	3546	CTTCCATA GGCTAGCTACAACGA CTGACGTA	20667		
707	UGGAAGAU G CACCAAGA	3547	TCTTGGTG GGCTAGCTACAACGA ATCTTCCA	20668		
719	CAAGACAC G CCACUCAA	3548	TTGAGTGG GGCTAGCTACAACGA GTGTCTTG	20669		
731	CUCAAGAC G CAGUCGGA	3549	TCCGACTG GGCTAGCTACAACGA GTCTTGAG	20670		
734	AAGACGCA G UCGGAGGU	3550	ACCTCCGA GGCTAGCTACAACGA TGCGTCTT	20671		
741	AGUCGGAG G UCACUGAC	3551	GTCAGTGA GGCTAGCTACAACGA CTCCGACT	20672		
751	CACUGACA G UGCAGACA	3552	TGTCTGCA GGCTAGCTACAACGA TGTCAGTG	20673		
753	CUGACAGU G CAGACACA	3553	TGTGTCTG GGCTAGCTACAACGA ACTGTCAG	20674		
770	CGGAGAAA G CACUCUAG	3554	CTAGAGTG GGCTAGCTACAACGA TTTCTCCG	20675		
793	GCACUCUA G CGAACAAG AGAAGGGG G CUUGGAUG	3555	CTTGTTCG GGCTAGCTACAACGA TAGAGTGC	20676		
806	GAUGGACA G CACCAAGG	3556 3557	CATCCAAG GGCTAGCTACAACGA CCCCTTCT CCTTGGTG GGCTAGCTACAACGA TGTCCATC	20677		
814	GCACCAAG G CCACAAGG	3558	CCTTGTGG GGCTAGCTACAACGA TGTCCATC	20678		
822	GCCACAAG G UAUUUGGU	3559	ACCAAATA GGCTAGCTACAACGA CTTGTGGC	20679		
829	GGUAUUUG G UAAAAACA		TGTTTTTA GGCTAGCTACAACGA CAAATACC	20680		
868	CUGGAUAU G CCCUGGUG	3560 3561	CACCAGGG GGCTAGCTACAACGA CAAATACC	20681		
874	AUGCCCUG G UGGCAGCC			20682		
877	CCCUGGUG G CAGCCGUC	3562	GGCTGCCA GGCTAGCTACAACGA CAGGGCAT	20683		
880	UGGUGGCA G CCGUCAUU	3563	GACGGCTG GGCTAGCTACAACGA CACCAGGG	20684		
883	UGGCAGCC G UCAUUGGU	3564	AATGACGG GGCTAGCTACAACGA TGCCACCA	20685		
890	CGUCAUUG G UUGGAUGC	3565	ACCAATGA GGCTAGCTACAACGA GGCTGCCA	20686		
897	GGUUGGAU G CUUGGGAG	3566	GCATCCAA GGCTAGCTACAACGA CAATGACG	20687		
905	GCUUGGGA G CAACACCA	3567 3568	CTCCCAAG GGCTAGCTACAACGA ATCCAACC TGGTGTTG GGCTAGCTACAACGA TCCCAAGC	20688		
915	AACACCAU G CAGAGAGU	3569		20689		
922	UGCAGAGA G UUGUGUUU	3570	ACTCTCTG GGCTAGCTACAACGA ATGGTGTT AAACACAA GGCTAGCTACAACGA TCTCTGCA	20690		
925	AGAGAGUU G UGUUUGUC	3571	GACAAACA GGCTAGCTACAACGA TCTCTGCA	20691		
927	AGAGUUGU G UUUGUCGU	3572	ACGACAAA GGCTAGCTACAACGA ACAACTCT	20692		
931	UUGUGUUU G UCGUGCUA	3572	TAGCACGA GGCTAGCTACAACGA AAACACAA	20693		
934	UGUUUGUC G UGCUAUUG	3574	CAATAGCA GGCTAGCTACAACGA AAACACAA CAATAGCA GGCTAGCTACAACGA GACAAACA	20694		
936	UUUGUCGU G CUAUUGCU	3574	AGCAATAG GGCTAGCTACAACGA GACAAACA AGCAATAG GGCTAGCTACAACGA ACGACAAA	20695		
942	GUGCUAUU G CUUUUGGU	3575	ACCAAAAG GGCTAGCTACAACGA ACGACAAA ACCAAAAG GGCTAGCTACAACGA AATAGCAC	20696		
949	UGCUUUUG G UGGCCCA	3577	TGGGGCCA GGCTAGCTACAACGA CAAAAGCA	20697		
952	UUUUGGUG G CCCCAGCU	3578	AGCTGGGG GGCTAGCTACAACGA CAAAAGCA	20698		
958	UGGCCCCA G CUUACAGC	3579	GCTGTAAG GGCTAGCTACAACGA CACCAAAA GCTGTAAG GGCTAGCTACAACGA TGGGGCCA	20699		
965	AGCUUACA G CUUCAACU	3580	AGTTGAAG GGCTAGCTACAACGA TGTAAGCT	20701		
974	CUUCAACU G CCUUGGAA	3581	TTCCAAGG GGCTAGCTACAACGA AGTTGAAG	20701		
		-55-		20702		

		•	Table VI FC1/0501/48350	
986	UGGAAUGA G CAACAGAG	3582	CTCTGTTG GGCTAGCTACAACGA TCATTCCA	20703
1009		3583	TCCAGACA GGCTAGCTACAACGA TCCTTCCA	20704
1011		3584	GCTCCAGA GGCTAGCTACAACGA ACTCCTTC	20705
1018	UGUCUGGA G CAACAUGG	3585	CCATGTTG GGCTAGCTACAACGA TCCAGACA	20706
1027		3586	CAAATCCA GGCTAGCTACAACGA CCATGTTG	20707
1036	UGGAUUUG G UUCUCGAA	3587	TTCGAGAA GGCTAGCTACAACGA CAAATCCA	20708
1046	UCUCGAAG G CGACAGCU	3588	AGCTGTCG GGCTAGCTACAACGA CTTCGAGA	20709
1052	AGGCGACA G CUGCGUGA	3589	TCACGCAG GGCTAGCTACAACGA TGTCGCCT	20710
1055	CGACAGCU G CGUGACUA	3590	TAGTCACG GGCTAGCTACAACGA AGCTGTCG	20711
1057	ACAGCUGC G UGACUAUC	3591	GATAGTCA GGCTAGCTACAACGA GCAGCTGT	20712
1068	ACUAUCAU G UCUAAGGA	3592	TCCTTAGA GGCTAGCTACAACGA ATGATAGT	20713
1080	AAGGACAA G CCUACCAU	3593	ATGGTAGG GGCTAGCTACAACGA TTGTCCTT	20714
1093	CCAUCGAU G UGAAGAUG	3594	CATCTTCA GGCTAGCTACAACGA ATCGATGG	20715
1114	AUAUGGAG G CGGUCAAC	3595	GTTGACCG GGCTAGCTACAACGA CTCCATAT	20716
1117	UGGAGGCG G UCAACCUG	3596	CAGGITGA GGCTAGCTACAACGA CGCCTCCA	20717
1126	UCAACCUG G CAGAGGUC	3597	GACCTCTG GGCTAGCTACAACGA CAGGTTGA	20717
1132	UGGCAGAG G UCCGCAGU	3598	ACTGCGGA GGCTAGCTACAACGA CTCTGCCA	20719
1136	AGAGGUCC G CAGUUAUU	3599	AATAACTG GGCTAGCTACAACGA GGACCTCT	20720
1139	GGUCCGCA G UUAUUGCU	3600	AGCAATAA GGCTAGCTACAACGA TGCGGACC	20721
1145	CAGUUAUU G CUAUUUGG	3601	CCAAATAG GGCTAGCTACAACGA AATAACTG	
1153	GCUAUUUG G CUACCGUC	3602	GACGGTAG GGCTAGCTACAACGA CAAATAGC	20722
1159	UGGCUACC G UCAGCGAU	3603	ATCGCTGA GGCTAGCTACAACGA GGTAGCCA	20723
1163	UACCGUCA G CGAUCUCU	3604	AGAGATCG GGCTAGCTACAACGA TGACGGTA	20724
1180	CCACCAAA G CUGCGUGC	3605	GCACGCAG GGCTAGCTACAACGA TTTGGTGG	20725
1183	CCAAAGCU G CGUGCCCG	3606	CGGGCACG GGCTAGCTACAACGA AGCTTTGG	20726
1185	AAAGCUGC G UGCCCGAC	3607	GTCGGGCA GGCTAGCTACAACGA GCAGCTTT	20727
1187	AGCUGCGU G CCCGACCA	3608	TGGTCGGG GGCTAGCTACAACGA ACGCAGCT	20728
1204	UGGGAGAA G CUCACAAU	3609	ATTGTGAG GGCTAGCTACAACGA TTCTCCCA	20729
1220	UGACAAAC G UGCUGACC	3610	GGTCAGCA GGCTAGCTACAACGA GTTTGTCA	20730
1222	ACAAACGU G CUGACCCA	3611	TGGGTCAG GGCTAGCTACAACGA ACGTTTGT	20731
1231	CUGACCCA G CUUUUGUG	3612	CACAAAAG GGCTAGCTACAACGA TGGGTCAG	20732
1237	CAGCUUUU G UGUGCAGA	3613	TCTGCACA GGCTAGCTACAACGA AAAAGCTG	20733
1239	GCUUUUGU G UGCAGACA	3614	TGTCTGCA GGCTAGCTACAACGA ACAAAAGC	20734
1241	UUUUGUGU G CAGACAAG	3615	CTTGTCTG GGCTAGCTACAACGA ACACAAAA	20735
1252	GACAAGGA G UGGUGGAC	3616	GTCCACCA GGCTAGCTACAACGA TCCTTGTC	20736
1255	AAGGAGUG G UGGACAGG	3617	CCTGTCCA GGCTAGCTACAACGA CACTCCTT	20737
1265	GGACAGGG G CUGGGGCA	3618	TGCCCCAG GGCTAGCTACAACGA CCCTGTCC	20738
1271	GGGCUGGG G CAACGGCU	3619	AGCCGTTG GGCTAGCTACAACGA CCCAGCCC	20739
1277	GGGCAACG G CUGCGGAU	3620	ATCCGCAG GGCTAGCTACAACGA CGTTGCCC	20740
1280	CAACGGCU G CGGAUUAU	3621	ATAATCCG GGCTAGCTACAACGA AGCCGTTG	20741
1292	AUUAUUUG G CAAAGGAA	3622	TTCCTTTG GGCTAGCTACAACGA CAAATAAT	20742
1301	CAAAGGAA G CAUUGACA	3623	TGTCAATG GGCTAGCTACAACGA TTCCTTTG	20743
1313	UGACACAU G CGCCAAAU	3624	ATTTGGCG GGCTAGCTACAACGA ATGTGTCA	
1315	ACACAUGC G CCAAAUUU	3625	AAATTTGG GGCTAGCTACAACGA GCATGTGT	20745
1324	CCAAAUUU G CCUGCUCU	3626	AGAGCAGG GGCTAGCTACAACGA AAATTTGG	20746
1328	AUUUGCCU G CUCUACCA	3627	TGGTAGAG GGCTAGCTACAACGA AGGCAAAT	20747
1339	CUACCAAG G CAAUAGGA	3628	TCCTATTG GGCTAGCTACAACGA CTTGGTAG	20748
1374	AAUAUCAA G UACGAAGU	3629	ACTTCGTA GGCTAGCTACAACGA TTGATATT	20749
1381	AGUACGAA G UGGCCAUU	3630	AATGGCCA GGCTAGCTACAACGA TTCGTACT	20750
1384	ACGAAGUG G CCAUUUUU	3631	AAAAATGG GGCTAGCTACAACGA CACTTCGT	20751
1393	CCAUUUUU G UCCAUGGA	3632	TCCATGGA GGCTAGCTACAACGA AAAAATGG	20752
1411	CAACUACU G UGGAGUCG	3633	CGACTCCA GGCTAGCTACAACGA AGTAGTTG	20753
1416	ACUGUGGA G UCGCACGG	3634	CCGTGCGA GGCTAGCTACAACGA TCCACAGT	20754
1419	GUGGAGUC G CACGGAAA	3635	TTTCCGTG GGCTAGCTACAACGA GACTCCAC	20755
1441	CCACACAG G UUGGAGCC	3636	GGCTCCAA GGCTAGCTACAACGA CTGTGTGG	20756
1447	AGGUUGGA G CCACUCAG	3637	CTGAGTGG GGCTAGCTACAACGA TCCAACCT	20757
1456	CCACUCAG G CAGGGAGA	3638	TCTCCCTG GGCTAGCTACAACGA CTGAGTGG	20758
1469	GAGAUUCA G CAUCACUC	3639	GAGTGATG GGCTAGCTACAACGA TGAATCTC	20759
1480	UCACUCCU G CGGCGCCU	3640	AGGCGCCG GGCTAGCTACAACGA AGGAGTGA	20760
1483	CUCCUGCG G CGCCUUCA	3641	TGAAGGCG GGCTAGCTACAACGA CGCAGGAG	20761
1485	CCUGCGGC G CCUUCAUA	3642	TATGAAGG GGCTAGCTACAACGA GCCGCAGG	20762
1503	ACACUAAA G CUUGGAGA	3643	TCTCCAAG GGCTAGCTACAACGA TTTAGTGT	20763
			THE COMMITTING THE PROPERTY OF	20764

1522	***	J 02/000037	1	Table VI	PCT/US01/4835	0
1928	1522	AUGGAGAG G UGACAGUG	3644	CACTICIDA	CCCTT COTT COTT	
1955				ACACTOTCA ACACTOCA	GGCTAGCTACAACGA CTCTCCAT	20765
1545				ACAGTCCA	GGCTAGCTACAACGA TGTCACCT	20766
1554				ATOCOTCA	GGCTAGCTACAACGA AGTCCACT	20767
1873	1564			CTACTATIC	GGCTAGCTACAACGA CGTGGTTC	20768
1592	1573	 		ACTICATION	GGCTAGCTACAACGA ATTGGTGT	20769
1996	1582	 		AGICATCA	GGCTAGCTACAACGA GTAGTATG	20770
1610 GUICCHUG G UCCAUGRU 3653 ACCARGA GGCTARGTACAAGGA CANGARCG 20773 1614 CAUCGUGA G UGGUUCAU 3654 ATGAACCA GGCTARGTACAAGGA CANGARCG 20774 1617 CGUCAUGUG G UGCAUGA 3655 ACCARGA GGCTARGTACAAGGA CANGARCG 20774 1617 CGUCAUGUG G UGCAUGA 3655 ACCARGA GGCTARGTACAAGGA CANGARCG 20775 1648 CCCUUGGA G CAGUCCU 3656 CAGCACTG GGCTARGTACAAGGA CACTCACAG 20776 1649 CCCUUGGA G UGCUGGAA 3657 TCCARGA GGCTARGTACAAGGA CACTCACAG 20777 1646 UUGGAAGGA G UUCUGGAA 3657 TCCARGA GGCTARGTACAAGGA ACTGCTCC 20779 1659 UUCUGGAA G UACUGUGU 3659 ACCACGTA GGCTARGTACAAGGA ACTGCTCC 20779 1650 GANGAUGU G UGGAAGGA 3657 TCCARGA GGCTARGTACAAGGA ACTGCTCC 20779 1650 GANGAUGU G UGGAAGGA 3650 CCTCCACA GGCTARGTACAAGGA ACTGCTCC 20779 1650 GANGAUGU G UGGAAGGA 3661 TTCCTCCA GGCTARGTACAAGGA ACTGCTCC 20779 1650 GANGAUGU G UGGAAGGA 3662 TCCATCAA GGCTARGTACAAGGA ACTGCTCC 20778 1650 GANGAUGU G UGGAAGGA 3662 TCCATCAA GGCTARGTACAAGGA ACTGCTCC 20778 1650 GANGAUGU G UUGAAGGA 3662 TCCATCAA GGCTARGTACAAGGA ACTGCTCC 20778 1670 AACCACAC G CCACGAAG 3664 TCCCATCAA GGCTARGTACAAGGA TCCATTAA 20784 1701 AACCACAC G CCACGAAG 3664 TCCCATCAA GGCTARGTACAAGGA TCCATTAA 20784 1711 GAGCAGAG G UUGUGAGG 3666 ACCACACT GGCTARGTACAAGGA TCCATTAA 20784 1712 AACCACAC G CCACGAAG 3664 TCCTCATAA GGCTARGTACAAGGA TCCTCTTAA 20785 1713 GACCACAG G UUGUGAGGA 3667 TCCTCAA GGCTARGTACAAGGA TCCTCTTA 20787 1714 AAGAGGAG G UUCUGAGGA 3667 TCCTCATCA GGCTARGTACAAGGA TCCTCTTA 20787 1716 ACCACAG G UUGUGAGGA 3667 TCCTCATCA GGCTARGTACAAGGA TCCTCTCT 20787 1717 UGCACGAG G CACGAGAG 3668 GCCCAATG GGCTARGTACAAGGA TCCTCCT 20787 1718 ACCACAG G CACGAGA 3667 TCCTCTTA GGCTARGTACAAGGA TCCTCCT 20787 1719 AGGAGUGU G UUCUAGGA 3667 TCCTCTTA GGCTARGTACAAGGA TCCTCCT 20787 1710 AGGAGUG G UUCUAGGA 3667 TCCTCTA GGCTARGTACAAGGA TCCTCCT 20791	1596			ACCARCAN	GGCTAGCTACAACGA AGTCATCA	20771
1610 GGUCCALIC G URGUIEGU 3653 ACCACTCA GGCTAGCTACACCA CARGARAS 26773 1614 CAUCIGURG D URGUIECU 3655 ATRIARCIC GGCTAGCTACACCAG GATGGACC 20776 1617 GGUGARU G URCAURGA 3655 ATRIARCIC GGCTAGCTACACCAG ACCACAGO 20776 1618 CCCUURGA G CARUCCUG 3655 CAGCACTG GGCTAGCTACACAGA CACTCAGO 20776 1646 UUGGARCA G URCUGRAM 3657 TICCATGAA GGCTAGCTACACAGA TCCAARGG 207776 1648 GGAGCAGU G CUUGAARU 3659 ACTICCAG GGCTAGCTACACAGA TCCCAARGG 207781 1659 GUCGURGAA G ACUCURU 3659 ACTICCAG GGCTAGCTACACAGA TCCCAGC 207781 1660 GARGULUG U GUUGAGGA 3660 CCTCCACA GGCTAGCTACAACGA ACTICCAC 207781 1661 AGRACAGU G UUGAGGGA 3661 TICCTCCA GGCTAGCTACAACGA ACTICCAC 207781 1662 AGRACAGU G UUGAGGGA 3661 TICCTCCA GGCTAGCTACAACGA ACTICCAC 207781 1669 UUAAUGAG 3663 TICCATCAA GGCTAGCTACAACGA ACTICCAC 207781 1679 AACCACAG G CCACCARG 3664 TICCATCAA GGCTAGCTACAACGA ACTICAC 207781 1710 AACCACAG G CCACCARG 3665 TICCATCAA GGCTAGCTACAACGA ACTICACAC 207781 1711 GCCACGAA G CARUCUU 3665 ACRACACT GGCTAGCTACAACGA GTCTCTCT 207781 1712 ACCACAGA G CARUCUU 3665 ACRACACT GGCTAGCTACAACGA GTCTCTCT 207781 1713 ACCACAGA G CARUCUU 3665 ACRACACT GGCTAGCTACAACGA GTCTCTCT 207781 1714 ACGAAGCA G UUGUGAGA 3667 TICCTCAAA GGCTAGCTACAACGA TCCTCTCT 207781 1715 CACUURAGA GARAGA 3667 TICCATCAA GGCTAGCTACAACGA TCCTCTCT 207781 1716 ACGAAGCA G UUGUGAA 3667 TICCACAGA GGCTAGCTACAACGA TCCTCTCT 207781 1717 UUGUGAGGA 3667 TICCACAGA GGCTAGCTACAACGA TCCTCTCT 207781 1718 CUCURAA GARAGA 3667 TICCACAGA GGCTAGCTACAACGA TCCTCTCT 207781 1719 AGCAUUCU G UUGAGGA 3667 TICCACAGA GGCTAGCTACAACGA TCCTCCT 207781 1719 AGCACAGA G CUCURAA GAGGA TCCTCCTCT 207781 1719 AGCACAGA G CUCURAA GAGGA GAGGA GCCACT 207781 1715 GGCAGCAC G CUCURAA GAGGA GAGGA GCCACT 207781 1716 ACCACAGA G CUCURAA GAGGA GAGGA GCCACACT 207781 1717 UUGAGGA	1603					
1614	1610			ACCACTOGA	GGCTAGCTACAACGA CAAGAACG	20773
1617 CQUIQUIG G UUCAUGGA 3655 TCCATGAR GGCTAGCTACACGA CACTGAC 20776 1646 UUGAGCA G UGCUIGAA 3656 CAGCAGTG GGCTAGCTACAACGA TCCTCACA 20771 1646 UUGAGCA G UGCUIGAA 3657 TCCATGAR GGCTAGCTACAACGA TCCTCACA 20771 1648 GGAGCAGU G CUGGAAGU 3658 ACTCCAG GGCTAGCTACAACGA TCCTCACC 20773 1658 UGCUIGGAA AUCUGUGU 3659 ACTCCAG GGCTAGCTACAACGA TCCTCACC 20778 1656 GARGAGU G UUGAGGAG 3659 ACTCCACA GGCTAGCTACAACGA ACTCCTC 20778 1662 AGRIACUU G UUGAGGAG 3660 CCTCACAC GGCTAGCTACAACGA ACTCCTC 20781 1662 AGRIACUU G UUGAGGAG 3661 TCCTCAG GGCTAGCTACAACGA ACTCCTC 20781 1689 UUAAUGGA 3661 TCCTCAG GGCTAGCTACAACGA ACTACTC 20783 1689 UUAAUGGA 3661 TCCTCAG GGCTAGCTACAACGA ACTACTC 20783 1795 AACCACAC G CCACAGAG 3663 TCCTCAAA GGCTAGCTACAACGA ACTACTC 20783 1796 AACCACAC G CCACAGAG 3664 TCCTCAGA GGCTAGCTACAACGA TCCTCTC 20783 1791 GCCAGGAA G CAGUCUGU 3665 ACAGACT GGCTAGCTACAACGA CGTCTCTC 20783 1792 AGCAGUU G UGAUAGCA 3667 TCCTCAGA GGCTAGCTACAACGA TCCTCTC 20781 1793 AGCAUGU G UGAUAGCA 3667 TCCTCAGA GGCTAGCTACAACGA TCCTCTC 20781 1794 AGCAGUG G UUCACAAG 3668 GCCCAATG GGCTAGCTACAACGA TCCTCTC 20781 1795 AGCAGUG G UUCACAAG 3669 CTCTCTGA GGCTAGCTACAACGA TCCTCTC 20781 1795 UGCUGAA G CUUUGAGC 3671 GCCCAATG GGCTAGCTACAACGA TCCTCC 20791 1795 UGCUGAA G CUUUGAGC 3671 GCCCAATG GGCTAGCTACAACGA TCCTCC 20791 1795 UGCUGAA G CUUUGAGC 3672 GCCCAATG GGCTAGCTACAACGA TCCTCC 20791 1795 UGCUGAA G CUUUGAGC 3671 GCCCAATG GGCTAGCTACAACGA TCCTCC 20791 1795 UGCUGAA G CUUUGAGC 3671 GCCCAATG GGCTAGCTACAACGA AGACCTC 20792 1795 UGCUGAA G CUUUGAGC 3672 GCCCAATG GGCTAGCTACAACGA TCCTCCT 20791 1795 UGCUGAA G CUUUGAGC 3672 AGCCAAAG GGCTAGCTACAACGA TCCTCCT 20791 1795 UGCUGAAG G CCCAUCAG GGCTAGCTACAACGA TCCACAGC 20792 1796 CCCUUUCAG G CACAGCG 3672 AGCCAAG GGCTAGCTACAACGA TCCACAG 20792	1614			ATCARCICA	GGCTAGGTACAACGA GATGGACC	
1643 CCCUIUGA G CAGUCCU 3555 CARCACTO GGCTAGCTACARCA CUTCAGS 20779 1646 GGAGCAGU G CUGGAAGU 3555 TTCCAGGA GGCTAGCTACARCA TCGACGA 20779 1648 GGAGCAGU G CUGGAAGU 3559 ACRCAGTA GGCTAGCTACARCA ACTGCTCC 20779 1655 UGCUIGGAA G URCUGUGU 3559 ACRCAGTA GGCTAGCTACARCA ACTGCTC 20779 1666 GANGUACU G UUGGAGGA 3660 CCCCCACA GGCTAGCTACARCA ACTGCTC 20781 1667 AGUACUGU G UGGAGGAA 3661 TTCCTCCA GGCTAGCTACARCA ACTGCTC 20781 1668 ARGAGAC G UUGAAGGA 3662 TTCCTCA GGCTAGCTACARCA ACTGCTC 20782 1689 UUAAUGGA 3662 TTCCTCA GGCTAGCTACARCA ACTGCTC 20781 1699 UUAAUGGA 3662 TTCCTCA GGCTAGCTACARCA GTGCTCT 20781 1699 UUAAUGGA GUUCAGGA 3663 TCCTCAAA GGCTAGCTACARCAG GTCTCTT 20781 1795 AACCARCA G CACCARA 3664 CTTCCTGG GGCTAGCTACARCAG GTCTGTT 20784 1716 ACCARCAR G CACCARA 3664 CTTCCTGG GGCTAGCTACARCAG TCCATTA 20784 1717 ACCARCACA G UCUGUAU 3665 ACRCAGT GGCTAGCTACARCAG TCCATTA 20784 1718 ACCARCA G UCUGUAU 3665 ACRCAGT GGCTAGCTACARCAG TCCATTA 20784 1719 ACCARCA G UCUGUAU 3665 ACRCAGT GGCTAGCTACARCAG TCCATCA 20786 1720 ACCARCA G UCUGUAU 3665 ACRCAGT GGCTAGCTACARCAG TCCATCA 20786 1721 ACGARCA G UCUGCAU 3669 TCCTATCA GGCTAGCTACARCAG ACCTTCCT 20781 1722 ACCARCA G UCUGCAU 3669 TCCTATCA GGCTAGCTACARCAG ACCTTCCT 20781 1723 ACGAUCUG CUACARA 3669 TCTTGTAG GGCTAGCTACARCAG ACATCCT 20781 1724 AACAGGGA G UCUGCAU 3674 AGCAGAG GGCTAGCTACARCAG ACAGCTC 20791 1725 UGCAUCAA G UUUGAGCU 3674 AGCAGAG GGCTAGCTACARCAG TCAACCAG 20791 1726 AGCACUU GUGAGCC 3674 AGCACAG GGCTAGCTACARCAG ACAGCTC 20791 1727 UGCCUGAA G UUUGAGCU 3674 AGCACAG GGCTAGCTACARCAG ACAGCTC 20791 1728 UGCAUCAA G UUUGAGGC 3674 AGCACAG GGCTAGCTACARCAG ACAGCTC 20791 1729 UGCAUCAA G UUUGAGCU 3674 AGCACAG GGCTAGCTACARCAG ACAGCTC 20791 1729 UGCAUCAA G UU	1617			TCCATCAA	GGCTAGCTACAACGA TCACGATG	20775
1646	1643					
1648 GGAGCGUI G CUGGARGU 3658 ACTTCCAG GGCTAGCTACAAGGA ACTGCCAC 20779 1650 GGAGGUA GUACUGUGU 3659 ACACAGTA GGCTAGCTACAAGGA ACTGCACA 20780 1660 GAAGUACU G UUQUGGAGG 3650 ACACAGTA GGCTAGCTACAAGGA ACTGCACA 20781 1660 AGUACUGU G UUQUGGAGG 3661 TTCCTCCA GGCTAGCTACAAGGA ACAGTACT 20781 1680 AGAGGACA G UUANAUGGA 3661 TTCCTCCA GGCTAGCTACAAGGA ACAGTACT 20782 1689 AGAGGACA G UUANAUGGA 3662 TCCATTAA GGCTAGCTACAAGGA ACAGTACT 20783 1689 UUANAUGGA G UUANAUGGA 3663 TCCATTAA GGCTAGCTACAAGGA TCCTCTT 20783 1689 UUANAUGGA G UUCAGGGA 3664 CTTCGTGG GGCTAGCTACAAGGA TCCTTTAA 20784 1715 ACCCACA G CCACGAGAG 3664 CTTCGTGG GGCTAGCTACAAGGA TCCTTGT 20785 1716 ACCAAGCA G CACGAGAG 3666 ATCACAGA GGCTAGCTACAAGGA TCCTTGT 20787 1720 AGCAGUCU G UUCAUGAG 3666 ATCACAGA GGCTAGCTACAAGGA TCCTCTGT 20787 1720 AGCAGUCU G UUCAUGAG 3669 CTTGTGGG GGCTAGCTACAAGGA TATCACAG 20783 1724 AGAGGGG G CUCACAGA 3669 CTTGTGGG GGCTAGCTACAAGGA ACCTCTCT 20781 1724 AGAGGGG G CUCACAGA 3669 CTTGTGGG GGCTAGCTACAAGGA ACCTCTCT 20781 1724 AGAGGGG G CUCACAGA 3669 CTTGTGGG GGCTAGCTACAAGGA ACCTCTCT 20781 1724 AGAGGGG G CUCACAGA 3669 CTTGTGGG GGCTAGCTACAAGGA ACGTCCT 20783 1724 AGAGGGG G CUCACAGA 3671 ATCACAGG GGCTAGCTACAAGGA ACGACTCCT 20781 1725 GGACCUCU G CAUCACAG 3671 ATCACAGG GGCTAGCTACAAGGA ACGACTCCT 20791 1725 GGACCUCU G CAUCACAG 3671 ATCACAGG GGCTAGCTACAAGGA TCCACCTT 20791 1725 GGACCUCU G CAUCACAG 3671 ATCACAGG GGCTAGCTACAACGA TCCACCTT 20791 1726 AGGUUCU G CUGAAGUU 3672 ACCCAAG GGCTAGCTACAAGGA TCCACCTT 20791 1726 AGGUUCU G CUGAAGUU 3673 AGCCAAG GGCTAGCTACAACGA TCCACCAC 20792 1726 AGGUUCU G CUGAAGUU 3675 AACCCAAG GGCTAGCTACAACGA TCCACCAC 20792 1726 ACCCACAG GGCTAGCTACAACGA TCCACCAC 20792 1726 ACCCACAGU GGCTAGCTACAACGA TCCACCAC 20792 1726 ACCCACAGU GGCTAGCTACAACGA TCCACCAC 20792 1726 ACCCACAGU GGCTAGCTACAACGA TCCACCAC 20792 17	1646			TTCCACCA	GGCTAGCTACAACGA TCCAAGGG	
1655	1648			ACTORIGA	GGCTAGCTACAACGA TGCTCCAA	20778
1660	1655			ACTICCAG	GGCTAGCTACAACGA ACTGCTCC	20779
1662 AGUACUGU G UGARGGAN 3661 TTCCTCCA GGCTAGCTACCACGA REPACT 20782 1689 MURAUGGA 3662 TCCATTAA GGCTAGCTACCACGA CTCTCTC 20782 1689 UURAUGGA G UUUGAGGA 3663 TCCTCATAA GGCTAGCTACCACGA CTCTCTC 20783 1705 AACCACA G CCACGAGA 3664 CTTCGTGG GGCTAGCTACCACGA CTCATTAA 20784 1713 GCACGAA G CAGUCUGU 3665 ACAGACTG GGCTAGCTACACGA CTCTTCTC 20785 1714 ACGAAGCA G UCUGUGAU 3666 ATCACAGA GGCTAGCTACACGA TCCTTGCT 20787 1726 AGCAGACG UCUGUGAU 3666 ATCACAGA GGCTAGCTACACGA TCCTTGCT 20787 1720 AGCAGUCU G UGAUAGCA 3666 ATCACAGA GGCTAGCTACACGA AGCTTCCT 20787 1721 AGCAGUCU G UGAUAGCA 3669 CTTGTAG GGCTAGCTACACGA AGCTGCT 20789 1733 AGCAUUGG G CUCUCACAG 3669 CTTGTAGG GGCTAGCTACACGA AGCTGCT 20789 1747 AAGAGGA G CUCUGCAU 3670 ATGCAGA GGCTAGCTACACGA TCCACGT 20791 1755 UGCAUCAG G CUCUGCAU 3670 ATGCAGA GGCTAGCTACACGA TCCACCT 20791 1755 UGCAUCAG G CUCUGCAU 3671 GCTTGATG GGCTAGCTACAACGA TCCACCT 20791 1757 UGCUGGA G CUUUGGU 3672 AGCCAAMG GGCTAGCTACAACGA TCCACCT 20792 1758 AAGUUUG G CUGAGACC 3673 AGCCAAMG GGCTAGCTACAACGA TCACCCC 20792 1759 AGUUUGA G CAUCAGA 3674 AGGAATGG GGCTAGCTACAACGA AGGACTC 20793 1790 AUUULCAG G CAACACUG 3675 AAGTCCA GGCTAGCTACAACGA AGGATGC 20795 1791 AUUULCAG G CAACACUG 3675 AAGTCCA GGCTAGCTACAACGA AGGATGC 20795 1891 GACACACU G UGAAGUUG 3675 CAACTGA GGCTAGCTACAACGA AGGATGC 20795 1891 AAGUUGAG G UUGAGGUG 3679 TAACCGAG GGCTAGCTACAACGA AGGATGT 20797 1891 GACACACU G UGAAGUUG 3675 CAACTGA GGCTAGCTACAACGA AGGATGT 20797 1891 AAGUUGAG G UUGAGGUG 3679 TAACCGAG GGCTAGCTACAACGA ATGTATC 20798 1891 AAGUUGAG G UUGAGGUG 3679 TAACCGAG GGCTAGCTACAACGA ATGTATC 20798 1891 AAGUUGAG G UUCAGGGG 3679 TAACCGAG GGCTAGCTACAACGA ATGTATC 20799 1891 AAGUUGAG G UUCAGGGG 3679 TAACCGAG GGCTAGCTACAACGA ATGTACAC 20891 1892 UUUGAGG G UUCAGGGG 3669 TCAACTGA GGCT	1660			CCTCCACA	GGCTAGCTACAACGA TTCCAGCA	
1689	1662			TTCCTCCA	GGCTAGCTACAACGA AGTACTTC	
1669	1680			TCCATTAN	GGCTAGCTACAACGA ACAGTACT	
1795	1689					
1715 GCCARGAA G CACCUCGU 3665 ACRGACTG GGCTAGCTACAACGA TTCGTGGC 20786 17120 ACCAAGCA G UCUGUGAU 3666 ATCACACA GGCTAGCTACAACGA TGCTTCGT 20787 1720 ACCAGGC G UCUGUGAU 3667 TGCTATCA GGCTAGCTACAACGA TGCTTCGT 20787 1726 CUGUGAUA G CAUGGGC 3668 GCCCAATG GGCTAGCTACAACGA TACTACAG 20788 1733 AGCAUGG G UCCACAAG 3669 CTTGTAGA GGCTAGCTACAACGA CACATGCT 20790 1747 AAGAGGGA G UCUGCAU 3670 ATGCAGAG GGCTACAACGA CCCATGCT 20791 1752 GGAGCUCU G CAUCAAGC 3671 GCTTGATG GGCTAGCTACAACGA AGAGCTC 20791 1752 GGAGCUCU G CAUCAAGC 3671 GCTTGATG GGCTACACGA AGAGCTC 20792 1765 AAGCUUG G UUGGAGC 3673 GCTTGATG GGCTACACACGA AGAGCTC 20792 1765 AAGCUUG G UUGGAGCC 3673 GGCTCCAG GGCTAGCTACAACGA CAAAGCTT 20794 1771 UGGCUGGA G CCAUUCCU 3674 AGGAACAG GGCTAGCTACAACGA TACACGA CAAAGCTT 20795 1793 AUUUUCAA G CAAACACU 3674 AGGAATGG GGCTAGCTACAACGA TACACGA TCCAGCCA 20795 1793 AUUUUCAA G CAACACUG 3676 CAGTGTTG GGCTAGCTACAACGA TCCAACCA 20795 1801 GCAACACUG UCAAGGUUG 3677 CAACTTGA GGCTAGCTACAACGA TGAAAAT 20797 1801 AGGUGGA G UUGACGUC 3678 GACCTCAA GGCTAGCTACAACGA TGAAAAT 20797 1801 AGGUGGA G UUGACGUC 3678 GACCTCAA GGCTAGCTACAACGA AGGATTGC 20798 1812 AAGUUGAC G UUGACGUC 3678 GACCTCAA GGCTAGCTACAACGA TGAAAAT 20799 1812 AAGUUGAC G UUGACGUC 3678 GACCTCAA GGCTAGCTACAACGA TCAACACT 20799 1812 AAGUUGAC G UUGACGUC 3678 GACCTCAA GGCTAGCTACAACGA TCAACAT 20800 1812 AAGUUGAC G UUGACGUC 3679 TGACCCGA GGCTAGCTACAACGA TCAACAT 20801 1827 CAUUUGAAGU 3681 TCAATCTA GGCTAGCTACAACGA TCAACAT 20801 1829 UUUGAAGU G UUGAAGGU 3681 TCAATCTA GGCTAGCTACAACGA TCTAACT 20801 1829 UUUGAAGU G UUGAAGGG 3681 ACTCTACA GGCTAGCTACAACGA ACTTCAAC 20801 1829 UUUGAAGU G UUGAAGGG 3681 ACTCTACA GGCTAGCTACAACGA ACTTCAAC 20801 1829 UUUGAAGU G UUGAAGGG 3685 CCCTTCA GGCTAGCTACAACGA ACTTCTACA 20801 1829 UUUGAAG G UUGAAGGG 3685 CCCTTCA GGCTAGCTACAACGA ACTTCT	1705	AACCACAC G CCACGAAG		CTTCCTCC	GGCTAGCTAGAACGA TCCATTAA	
1716	1713	GCCACGAA G CAGUCUGU		ACAGACTG	GGCTAGCTAGAACGA GTGTGGTT	
1720	1716			ATCACAGA	GGCTAGCTACAACGA TTCGTGGC	
1726	1720	AGCAGUCU G UGAUAGCA		TGCTATCA	GGCTAGCTACAACGA TGCTTCGT	
1733	1726	CUGUGAUA G CAUUGGGC				
1752 GAGCICUG C CAUCARC 3671 GCTTGATG GGCTAGCTACARGA RGAGCTCC 20792 1759 UGCAUCAR G CUUUGGCU 3672 AGCCARAG GGCTAGCTACARGA RGAGCTCC 20792 1765 AAGCUUUG G CUGGAGCC 3673 GGCTCCAG GGCTAGCTACARGA RGAGCTCC 20793 1761 UGGCUGGA G CAUUCCU 3674 AGGARAG GGCTAGCTACARGA CARAGCTT 20794 1771 UGGCUGGA G CAUUCCU 3674 AGGARTG GGCTAGCTACARGA CARAGCTT 20794 1771 UGGCUGGA G CAUUCCU 3674 AGGARTG GGCTAGCTACARGA CARAGCTT 20794 1780 CCAUUCCU G UGGARUUU 3675 AAATTCCA GGCTAGCTACARGA AGGARTG 20795 1793 AUUUCAR G CARCACUG 3676 CAGTGTTG GGCTAGCTACARCGA AGGARTG 20797 1801 GCARCACU G UCRAGUUG 3677 CARCTTGA GGCTAGCTACARCGA AGGARTG 20797 1801 GCARCACU G UCRAGUUG 3678 GACGTCA GGCTAGCTACARCGA AGTGTTGC 20798 1812 AAGUUGAC G UCGAGUUG 3679 TRACCCGA GGCTAGCTACARCGA AGTCTTC 20800 1827 CAUUUGAA G UGUAGAGU 3680 TCARATGA GGCTAGCTACARCGA CCGACGTC 20801 1827 CAUUUGAA G UGUAGAGU 3681 ACTCTACA GGCTAGCTACARCGA CCGACGTC 20801 1829 UUUGAAGU G UGAGAGUA 3682 TCACTCTAC GGCTAGCTACARCGA TTCARATG 20802 1829 UUUGAAGU G UGAAGUGA 3682 TCACTCTAC GGCTAGCTACARCGA ACTTCARAT 20802 1834 AGUUUGAG G UGAAGUGA 3684 TCACTCTAC GGCTAGCTACARCGA ACTTCARAT 20803 1851 GAAAAAUU G CAGUUGAA 3684 TTCACTCTAC GGCTAGCTACARCGA ACTTCARAT 20804 1854 AAAUUGCA G UUGAAGGG 3685 CACCTTCAC GGCTAGCTACARCGA ACTTCARAT 20805 1854 AAAUUGCA G UUGAAGGG 3685 CACCTTCAC GGCTAGCTACARCGA ACTTCARCT 20806 1866 ACACAGAG G GCCTACGACACACA ACTTCARCT 20806 1867 GAAAAAUU G CAGUUGAA 3686 AACAGAGG GGCTAGCTACARCGA ACTTCARCT 20806 1868 GUUCAAAG G GCUUUCAA 3686 AACAGAGG GCCTACAACCA ACTAGGTT 20807 1876 CCUAUGGC G UUCGAAGG 3688 CCCTTCAA GGCTAGCTACAACCA ACTAGGTT 20807 1886 GUUCAAAG G CUUUCAAG 3688 CCCTTCAA GGCTAGCTACAACGA ACACGCCA 20808 1896 GCACGCCA G CACACACA 3691 TGTGTCTG GGCTAGCTACAACGA ACACGCCA 20808 1896 GCACGCAG G CCACAGGGA 3689 CCACAGGG G GCCTAGCTACAACGA CCACAG	1733			CTTGTGAG	GGCTAGCTACAACGA TATCACAG	
1752	1747	AAGAGGGA G CUCUGCAU		ATGCAGAG	GGCTAGCTACAACGA CCAATGCT	
1755 GOLCAICAA G CUUUGACC 3673 GGCTCAAAG GGCTAGCTACAACGA TTGATGCA 20793 1761 LIGGCUGGA G CCAUUCCU 3674 AGGANTGG GGCTAGCTACAAGGA CAAAGCTT 20794 1771 UGGCUGGA G CCAUUCCU 3674 AGGANTGG GGCTAGCTACAACGA ACAGCTT 20795 1780 CCAUUCCU G UGGABUUU 3675 AAATTCCA GGCTAGCTACAACGA AGGANTGG 20795 1891 AUUUUCAA G CAACACUG 3676 CAGTOTTG GGCTAGCTACAACGA AGGANTGG 20796 1891 AUUUUCAA G CAACACUG 3676 CAGTOTTG GGCTAGCTACAACGA AGTGTGC 20798 1891 AAGUUGCA G UUGACGUC 3678 GACGTCAA GGCTAGCTACAACGA AGTGTGC 20799 1891 AAGUUGCA G UUGACGUC 3678 GACGTCAA GGCTAGCTACAACGA AGTGTGC 20799 1812 AAGUUGCA G UUGACGUC 3678 GACGTCAA GGCTAGCTACAACGA GTCAACTT 20800 1827 CAUUUGAA G UUUACAGU 3680 TCAAATGA GGCTAGCTACAACGA GTCAACTT 20800 1827 CAUUUGAA G UUUACAGU 3681 ACTCTACA GGCTAGCTACAACGA GTCAACTT 20801 1829 UUUGAAGU G UAAGAGUG 3681 ACTCTACA GGCTAGCTACAACGA ACTCAAAT 20803 1834 AGUULAGA G UUAAGAGU 3682 TCACTCTA GGCTAGCTACAACGA ACTCAAAA 20803 1851 GAAAAAUU G CAGUUGAA 3683 CACTCTCA GGCTAGCTACAACGA ACTCAAAA 20803 1851 GAAAAAUU G CAGUUGAA 3684 TTCAACTG GGCTAGCTACAACGA ACTCAAAA 20803 1854 AAAUUGCA G UUGAAGGA 3685 CCCTTCAA GGCTAGCTACAACGA ACTCAAAA 20805 1874 AAACUUGCA G UUGAAGGA 3685 CCCTTCAA GGCTAGCTACAACGA ACTCAACA 20806 1874 AAACUUGCA G UUCAAGGA 3685 CCCTTCAA GGCTAGCTACAACGA CATAGGTT 20806 1874 AAACUUGCA G UUCAAGGA 3687 TGAACGA GGCTAGCTACAACGA CATAGGTT 20806 1874 AAACUUGCA G UUCAAGGA 3687 TGAACGA GGCTAGCTACAACGA CATAGGT 20807 1876 CCUUUGAA 3687 TGAACGA GGCTAGCTACAACGA CATAGGT 20807 1876 CCUUUCAA 3687 TGAACGA GGCTAGCTACAACGA CATAGGT 20807 1876 CCUUCAAG G CUUCAAG 3689 CTTGAAAG GGCTAGCTACAACGA CATAGGT 20808 1888 GUUCAAAG G UUCAAGG 3689 CTTGAAAG GGCTAGCTACAACGA CATAGGT 20810 1891 GAGCUUCA G UACAGGA 3699 CTTGAAAG GGCTAGCTACAACGA CATAGGT 20811 1912 GGACUUCA G UACAGGA 3699 CTTGAAAG GGCTAGCTACAACGA CATAGGT 20811	1752	GGAGCUCU G CAUCAAGC		GCTTGATG	GGCTAGCTACAACGA ACAGCTGG	
1771 UGGUIGGA G CCAUUCCU 3674 AGGANTG GGCTAGCTACAACGA CAAAGCTT 20794 1778	1759	UGCAUCAA G CUUUGGCU	3672	AGCCAAAG	GGCTAGCTACAACGA TTCATGGA	
1791	1765	AAGCUUUG G CUGGAGCC		GGCTCCAG	GGCTAGCTACAACGA CAAACGTT	
1793			3674	AGGAATGG	GGCTAGCTACAACGA TCCAGCCA	
1801 GCARCACU G UCAGGUC 3676 CAGTGTTG GGCTAGCTACAACGA TTGAAAAT 20797 1806 ACUGUCAA G UUGACGUC 3678 GACGTCAA GGCTAGCTACAACGA AGTGTTGC 20798 1812 AAGUUGAC G UCAGGUCA 3679 TGACCCGA GGCTACAACGA TTGACAGT 20799 1812 AAGUUGAC G UCAGGUCA 3680 TCAAATGA GGCTAGCTACAACGA CCGACGTC 20801 1827 CAUUUGAA G UUGAGGU 3681 ACTCTACA GGCTAGCTACAACGA CCGACGTC 20801 1827 CAUUUGAA G UUGAGGU 3681 ACTCTACA GGCTAGCTACAACGA TTCAAATG 20802 1829 UUUGAAGU G UGAAGGU 3682 TCACTCTA GGCTAGCTACAACGA ACTTCAAA 20802 1834 AGUGUAGA G UGAAGGU 3683 CATCTTCA GGCTAGCTACAACGA ACTTCAAA 20803 1851 GAAAAAUU G CAGUUGAA 3684 TTCAACTG GGCTAGCTACAACGA ACTTCAAA 20803 1851 GAAAAAUU G CAGUUGAA 3685 CCCTTCAA GGCTAGCTACAACGA ACTTCACAC 20805 1874 AAAUUGCA G UUGAAGGG 3685 CCCTTCAA GGCTAGCTACAACGA ACTTTCACCT 20805 1874 AAACCUAUG G CGUCUGUU 3686 AACAGACG GGCTAGCTACAACGA TCCAATTT 20806 1876 CCUAUGGC G UCUGUUCA 3687 TGAACAGA GGCTAGCTACAACGA CATAGGTT 20807 1880 UGGCGUCU G UUCAAAG 3688 CCTTTGAA GGCTACAACGA ACACGACCA 20809 1888 GUUCAAAG G CUUUCAAG 3689 CTTGAAAG GGCTACAACGA ACACGACCA 20810 1896 GCUUUCAA G UUUCUAGG 3699 CTTGAAAG GGCTACAACGA CTTGAACC 20810 1896 GCUUUCAA G UUUCUAGG 3699 CTTGAAAG GGCTACAACGA CTTGAACC 20811 1912 GGACUCCC G CAGACACA 3691 TGTGTCTG GGCTACAACGA CTTGAACC 20811 1922 AAGACAGG G CACGGCA 3692 TGCCGTCG GGCTAGCTACAACGA CTTGAACC 20812 1928 AAGGUCACG G CACGGCA 3692 TGCCGTCG GGCTACCAACGA CTTGAACC 20812 1928 AAGGUCACG G CACGGCA 3699 CACAGGG GGCTACCAACGA CTTGAACC 20813 1933 ACGGCAC G UCACGGCA 3699 TGCCGTCG GGCTACCAACGA CTGTCTC 20813 1936 GCACUGUG G UGAGGGCA 3699 TGCCGTCG GGCTACCAACGA CTGTCTC 20813 1936 GCACUGUG G UCACGGCA 3699 TGCCGTCG GGCTACCAACGA ACTGCCT 20814 1938 ACUGUGGU G UUGAAAG G CACAGGG GGCTACCACGA GGCTACCACGA CACAGTG CCTGCTCAACGA GCCACGCT 20815 1936 GCACUGAG G CACGGGC 3698 CCACGTGT GGCTACCAACGA ACCACGTTCCAA	1780	CCAUUCCU G UGGAAUUU	3675	AAATTCCA	GGCTAGCTACAACGA AGGAATGG	
1801 GCARCACU G UCARGUUG 3677 CAACTTGA GGCTAGCTACAACGA AGTGTTGC 20798 1812 AAGUUCAA G UUGACGUC 3678 GACGTCAA GGCTAGCTACAACGA TTGACAGT 20799 1817 GACGUCGG G UCAUUUGA 3680 TCAAATGA GGCTAGCTACAACGA GCCAACGT 20800 1827 CAUUUGAA G UUGAGGU 3681 ACTCTACA GGCTAGCTACAACGA CCGACGTC 20801 1829 UUUGAAGU G UAGAGUU 3681 ACTCTACA GGCTAGCTACAACGA ACTTCAAATG 20802 1829 UUUGAAGU G UAGAGUG 3682 TCACTCTA GGCTAGCTACAACGA ACTTCAAATG 20803 1834 AGUGUAGA G UUGAAGUU 3683 CATCTTCA GGCTAGCTACAACGA ACTTCAAA 20803 1851 GAAAAAUU G CAGUUGAA 3684 TTCAACTG GGCTAGCTACAACGA ACTTCAAC 20804 1851 GAAAAAUU G CAGUUGAA 3685 CCCTTCAA GGCTAGCTACAACGA ACTTCACACT 20805 1874 AACCUAUG G CGUCUGUU 3686 AACAGACG GGCTAGCTACAACGA ACTTCACACT 20805 1874 AACCUAUG G CGUCUGUU 3686 AACAGACG GGCTAGCTACAACGA CATAGGTT 20807 1880 UGGCGUCU G UUCAAAGG 3687 TGAACAGA GGCTAGCTACAACGA CATAGGTT 20807 1880 UGGCGUCU G UUCAAAGG 3688 CCTTTGAA GGCTAGCTACAACGA CATAGGTT 20809 1888 GUUCAAAG G CUUUCAAG 3689 CTTGAAAG GGCTAGCTACAACGA CATAGGT 20809 1896 GCUUUCAA G 3690 CCAAGAAA GGCTAGCTACAACGA CTTTGAAC 20810 1912 GGACUCCC G CAGACAC 3691 TGTGTCTG GGCTAGCTACAACGA CTTTGAAC 20811 1912 GGACUCCC G CAGACAC 3692 TGCCGTGA GGCTAGCACACGA GTTGACCC 20812 1922 AGACACAG G UACCGGCA 3692 TGCCGTGA GGCTAGCACACGA GTGACCT 20813 1928 AGGUCACG G CACGACA 3691 TGTGTCTG GGCTAGCTACAACGA CTTGACC 20813 1928 AGGUCACG G CACGACA 3692 TGCCGTGA GGCTAGCACACA 3691 TGTGTCTG GGCTAGCTACAACGA CTGCACT 20813 1928 AGGUCACG G CACGACA 3692 TGCCGTGA GGCTAGCTACAACGA CTGCACT 20813 1936 GCACUUGA G UACGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGCACT 20814 1936 GCACUUGA G UACGUGG 3693 CCACAGTG GGCTAGCTACAACGA CACAGTGC 20815 1938 ACUGGGGU G UACGUGG 3694 CAACACCA GGCTAGCTACAACGA CACAGTGC 20815 1938 ACUGGGGU G UACGUGG 3698 CCACATGG GGCTAGCTACAACGA CACAGTGC 20817 1938 ACUGGGGU G UACACUG G CACGAGUG			3676	CAGTGTTG	GCTACTACAACGA TTCAAAT	
1812 AAGUUGAG			3677	CAACTTGA (GCTAGCTACAACGA AGTGTTGC	
1817			3678	GACGTCAA (GCTAGCTACAACGA TTGACAGT	
1827	 +	AAGUUGAC G UCGGGUCA	3679	TGACCCGA (GCTAGCTACAACGA GTCAACTT	
1829			3680	TCAAATGA (GCTAGCTACAACGA CCGACGTC	
1834 AGUUARAGU G UGARAGUGA 3682 TCACTCTA GGCTAGCTACAACGA ACTTCAAA 20803 1831 AGUUAGAG G UGARAGUG 3683 CATCTTCA GGCTAGCTACAACGA TCTACACT 20804 1851 GAAAAAUU G CAGUUGAA 3684 TTCAACTG GGCTAGCTACAACGA TCTACACT 20805 1854 AAAUUGCA G UUGAAGGG 3685 CCCTTCAA GGCTAGCTACAACGA ATTTTTC 20805 1874 AACCUAUG G CGUCUGUU 3686 AACAGAACG GGCTAGCTACAACGA TGCAATTT 20806 1874 CUUAUAGG G UUUGUUCA 3687 TGAACAGA GGCTAGCTACAACGA CATAGGTT 20807 1876 CCUAUGGC G UCUGUUCA 3687 TGAACAGA GGCTAGCTACAACGA CATAGGTT 20807 1880 UGGCGUCU G UUCAAAGG 3688 CCTTTGAA GGCTAGCTACAACGA AGACGCA 20809 1888 GUUCAAAG G CUUUCAAG 3689 CTTGAAAG GGCTAGCTACAACGA CTTTGAAC 20810 1896 GCUUUCAA G UUUCUUGG 3690 CCAAGAAA GGCTAGCTACAACGA CTTTGAAC 20810 1912 GGACUCCC G CAGACACA 3691 TGTGTCTG GGCTAGCTACAACGA TTGAAAGC 20811 1922 AGACACAG G UCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA CTTTGTCT 20813 1928 AGGUCACG G CACGUGGG 3693 CCACAGTG GGCTAGCTACAACGA CTTGTCT 20813 1938 ACGGCACU G UGGUGUG 3694 CAACACCA GGCTAGCTACAACGA CGTGACCT 20814 1933 ACGGCACU G UGGUGUG 3694 CAACACCA GGCTAGCTACAACGA CGTGACCT 20815 1936 GCACUGUG G UUGUAGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20816 1938 ACUGUGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACGCCGT 20817 1947 UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20818 1950 GAAUUGCA G UACACUGG 3699 CATCGTG GGCTAGCTACAACGA ACCACAGT 20819 1948 CUUCAAAC G CACGAGG 3699 CATCGTG GGCTAGCTACAACGA ACGACACACAGA 20820 1948 CUUCAAAC G CACGAGG 3699 CATCGTG GGCTAGCTACAACGA ACGACACA 20820 1948 CUUCAAAC G CACGAGG 3700			3681	ACTCTACA (GCTAGCTACAACGA TTCAAATG	
1851			3682	TCACTCTA (GCTAGCTACAACGA ACTTCAAA	
1851			3683	CATCTTCA C	GCTAGCTACAACGA TCTACACT	
1874			3684	TTCAACTG C	GCTAGCTACAACGA AATTTTTC	
1876 ARCUGIGE GEGUGUU 3686 ARCAGACG GECTAGCTACAACGA CATAGGTT 20807 1876 CCUAUGGC GUUGHUCA 3687 TGAACAGA GGCTAGCTACAACGA GCCATAGG 20808 1880 UGGGUCU GUUCAAGG 3688 CCTTTGAAG GGCTAGCTACAACGA AGACGCCA 20809 1895 GCUUUCAA GUUUCAAG 3699 CTGAAGAA GGCTAGCTACAACGA TTGAAGC 20810 1912 GGACUCCC G CAGACACA 3691 TGTGTTG GGCTAGCTACAACGA TTGAAGC 20812 1922 AGACACAG G UCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA CTGTTGTT 20812 1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGACT 20813 1933 ACGCCACU UGGUGUGA 3694 CAACACCA GGCTAGCTACAACGA AGTGACCT 20814 1936 GCACUGUG G UUGGAAUU 3695 TTCCAACA GGCTAGCTACAACGA ACCACAGT 20815 1938			3685	CCCTTCAA C	GCTAGCTACAACGA TGCAATTT	
1880 UGGCGUCU G UUCAAGG 3687 TGAACAGA GGCTAGCTACAACGA GCCATAGG 20808 1880 UGGCGUCU G UUCAAGG 3688 CCTTTGAA GGCTACAACGA AGACGCA 20809 1888 GUUCAAAG G CUUUCAAG 3689 CTTGAAAG GGCTAGCTACAACGA CTTTGAAC 20810 1896 GCUUCAA G UUUCUUGG 3690 CCAAGAAA GGCTAGCTACAACGA TTGAAAGC 20811 1912 GGACUCCC G CAGACACA 3691 TGTGTCTG GGCTAGCTACAACGA GGGAGTCC 20812 1922 AGACACAG G UCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA CTGTGTCT 20813 1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGCT 20815 1933 ACGGCACU G UGGUGGA 3694 CAACACCA GGCTAGCTACAACGA AGTGCCT 20815 1936 GCACUGUG G UGUGGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCT 20816 1938 ACUGUGGU G UUGGAAU 3695 ATTCCAACA GGCTAGCTACAACGA ACCACAGT 20817 1947 UUGGAAUU G CAGUACC 3697 GTGTACTG GGCTACCTACAACGA ACTTCCAA 20818 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTACAACGA TGCAATTC			3686	AACAGACG G	GCTAGCTACAACGA CATAGGTT	
1888 GUUCAAAG G CUUUCAAG 3689 CTTGAAAG GGCTAGCTACAACGA AGACGCCA 20809 1896 GCUUUCAA G UUUCUUGG 3690 CCAAGAAA GGCTAGCTACAACGA CTTTGAAC 20810 1912 GGACUCCC G CAGACACA 3691 TGTGTCTG GGCTAGCTACAACGA TTGAAAGC 20811 1922 AGACACAG G UCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA CTGTGTCT 20813 1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGCT 20813 1933 ACGGCACU G UGGUGUGG 3694 CAACACCA GGCTAGCTACAACGA CGTGACCT 20814 1936 GCACUGUG G UGGUGGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20815 1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20816 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTA GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCACGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20821 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3701 GATAGGAA GGCTAGCTACAACGA TTGCAAG 20823 1996 CGUCAGUG G CUUCAUUC 3701 GATAGGAA GGCTAGCTACAACGA TTGCAAG 20823 1996 CGUCAGUG G CUUCAUUC 3701 GATAGGAA GGCTAGCTACAACGA TTGCAAG 20823 1996 CGUCAGUG G CUUCAUUC 3702 GCCACTGA GGCTAGCTACAACGA TTGCAAGA 20824 2016 GACCUAAC G CCAGUGGG 3704 CCACTGAGG GGCTAGCTACAACGA TTGCAAGA 20824 2016 GACCUAAC G CCAGUGGG 3704 CCACTGAGG GGCTAGCTACAACGA TTGCAAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCACTGAGG GGCTAGCTACAACGA CACTGACG 20825			3687	TGAACAGA G	GCTAGCTACAACGA GCCATAGG	
1896 GCUUUCAA G UUUCUUGG 3690 CCAAGAAA GGCTAGCTACAACGA CTTTGAAC 20811 1912 GGACUCCC G CAGACACA 3691 TGTGTCTG GGCTAGCTACAACGA TTGAAAGC 20812 1922 AGACACAG G UCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA CTGTGTCT 20813 1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGCT 20814 1931 ACGGCACU G UGGUGUGG 3694 CCACAGTG GGCTAGCTACAACGA AGTGCCGT 20814 1932 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20815 1934 ACUGUGGU G UUUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGTG 20816 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA TGCAATTC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGCAATAGG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGCAATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CCAATGAAG GGCTAGCTACAACGA TGACGAAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA TGACGAGA 20825			3688	CCTTTGAA G	GCTAGCTACAACGA AGACGCCA	
1912 GGACUCCC G CAGACACA 3691 TGTGTTCT GGCTAGCTACAACGA TTGAAAGC 20812 1922 AGACACAG G UCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA CTGTGTCT 20813 1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGCT 20814 1933 ACGGCACU G UGGUGUGG 3694 CAACACCA GGCTAGCTACAACGA AGTGCCGT 20815 1936 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20816 1937 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGTG 20816 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGTG 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA CAGATTGC 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA CAGATAGG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGCAATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CCAATGAAG GGCTAGCTACAACGA TGACGAA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA TGACGAAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA TGACGAGA 20825			3689	CTTGAAAG G	GCTAGCTACAACGA CTTTGAAC	
1922 AGACACAG G UCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA GGGAGTCC 20812 1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGTCT 20813 1933 ACGGCACU G UGGUGUGG 3694 CAACACCA GGCTAGCTACAACGA AGTGCCGT 20814 1936 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20816 1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20817 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAAGA 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA TGACGAAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA TGACGAGA 20825			3690	CCAAGAAA G	GCTAGCTACAACGA TTGAAAGC	
1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGTCT 20813 1933 ACGGCACU G UGGUGUG 3694 CAACACCA GGCTAGCTACAACGA AGTGCCGT 20815 1936 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20816 1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20817 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAGA 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTACCAACGA CACTGACG 20825				TGTGTCTG G	GCTAGCTACAACGA GGGAGTCC	
1933 ACGGCACU G UGGUGUG 3694 CACACACGA GGCTAGCTACAACGA AGTGCCGT 20815 1936 GCACUGUG G UGUUGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20815 1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20817 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA TGCAATTC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA AAGGTCCA 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA TTGCAAG 20821 1989 CCUAUCUC G UCAGUGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACAGA 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTACCAACGA CACTGACG 20825			3692	TGCCGTGA G	GCTAGCTACAACGA CTGTGTCT	
1936 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20815 1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20816 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA TGCAATTC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAGA 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA CACTGACG 20825			3693	CCACAGTG G	GCTAGCTACAACGA CGTGACCT	
1938 ACUGUGG G UGGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA CACAGTGC 20816 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA TGCAATTC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA TTGCAAG 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAGA 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA CACTGACG 20825			3694	CAACACCA G	GCTAGCTACAACGA AGTGCCGT	
1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA CACTGACG 20825			3695	TTCCAACA G	GCTAGCTACAACGA CACAGTGC	
1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA TGCAATTC 20819 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20820 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA AAGGTCCA 20821 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA TTGCAAG 20822 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAGA 20824 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA CACTGACG 20825		ACUGUGGU G UUGGAAUU		AATTCCAA G	GCTAGCTACAACGA ACCACAGT	
1958 GUACACUG G CACGAUG 3698 CCAGTGTA GGCTAGCTACAACGA TGCAATTC 20819 1958 GUACACUG G CACGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20820 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA AAGGTCCA 20821 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA TTTGCAAG 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA GAGATAGG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAGA 20824 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCAATGAA GGCTACCAACGA CACTGACG 20825				GTGTACTG G	GCTAGCTACAACGA AATTCCAA	
1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA CACTGACG 20825				CCAGTGTA G	GCTAGCTACAACGA TGCAATTC	+
1978 CUUGCAAA G UUCCUAUC 3701 GAACTTTG GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAGA 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA CACTGACG 20825		GUACACUG G CACGGAUG		CATCCGTG G	GCTAGCTACAACGA CAGTGTAC	
1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTACAACGA CACTGACG 20825				GAACTTTG G	GCTAGCTACAACGA AAGGTCCA	
1993 UCUCGUCA G UGGCUUCA 3703 GCCACTGA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTAGCTACAACGA CACTGACG 20825				GATAGGAA G	GCTAGCTACAACGA TTTGCAAG	
1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGA GGCTACAACGA CACTGACG 20825				GCCACTGA G	GCTAGCTACAACGA GAGATAGG	+
2016 GACCUAAC G CCAGUGGG 3705 CCCACTGC GGCTACGACGA CACTGACG 20825				TGAAGCCA GO	CTAGCTACAACGA TGACGAGA	
GACCUARC & CCAGUGGG 3705 CCCACTOR COCTAGORA CO-				CAATGAAG GO	CTAGCTACAACGA CACTGACG	
		CALCUTACE & CLABUGGG	3 / 05	CCCACTGG GO	SCTAGCTACAACGA GTTAGGTC	

			Table VI	
2020		3706	TCTGCCCA GGCTAGCTACAACGA TGGCGTTA	20022
2024		3707	CCAATCTG GGCTAGCTACAACGA CCACTGGC	20827
2032		3708	GACAGTGA GGCTAGCTACAACGA CAATCTGC	20829
2038		3709	AGGGTTGA GGCTAGCTACAACGA AGTGACCA	20830
2050	111111111111111111111111111111111111111	3710	. CACTGAAA GGCTAGCTACAACGA AAAAGGGT	
2056	111111111111111111111111111111111111111	3711	CGTGGCCA GGCTAGCTACAACGA TGAAACAA	20831
2059	UUUCAGUG G CCACGGCC	3712	GGCCGTGG GGCTAGCTACAACGA CACTGAAA	20832
2065	UGGCCACG G CCAACGCU	3713	AGCGTTGG GGCTAGCTACAACGA CGTGGCCA	20833
2071		3714	GACCTTAG GGCTAGCTACAACGA GTTGGCCG	20834
2077	THE COULD OF THE COURT OF THE C	3715	AATCAGGA GGCTAGCTACAACGA CTTAGCGT	20835
2119		3716	GCCCACCA GGCTAGCTACAACGA TATGTATG	20836
2122	ACAUAGUG G UGGGCAGA	3717	TCTGCCCA GGCTAGCTACAACGA CACTATGT	20837
2126	AGUGGUGG G CAGAGGAG	3718	CTCCTCTG GGCTAGCTACAACGA CCACCACT	20838
2157		3719	GACTTGTG GGCTAGCTACAACGA CAATGGTG	20839
2163	UGGCACAA G UCUGGAAG	3720	CTTCCAGA GGCTAGCTACAACGA TTGTGCCA	20840
2171	GUCUGGAA G CAGCAUUG	3721	CAATGCTG GGCTAGCTACAACGA TTCCAGAC	20841
2174	UGGAAGCA G CAUUGGCA	3722	TGCCAATG GGCTAGCTACAACGA TGCTTCCA	20842
2180	CAGCAUUG G CAAAGCCU	3723	AGGCTTTG GGCTAGCTACAACGA CAATGCTG	20843
2185	UUGGCAAA G CCUUUACA	3724	TGTAAAGG GGCTAGCTACAACGA TTTGCCAA	20844
2209	UCAAAGGA G CGCAGAGA	3725	TCTCTGCG GGCTAGCTACAACGA TCCTTTGA	20845
2211	AAAGGAGC G CAGAGACU	3726	AGTCTCTG GGCTAGCTACAACGA GCTCCTTT	20846
2221	AGAGACUA G CCGCUCUA	3727	TAGAGCGG GGCTAGCTACAACGA TAGTCTCT	20847
2224	GACUAGCC G CUCUAGGA	3728	TCCTAGAG GGCTAGCTACAACGA GGCTAGTC	20848
2239	GAGACACA G CUUGGGAC	3729	GTCCCAAG GGCTAGCTACAACGA TGTGTCTC	20849
2257	UUGGAUCA G UUGGAGGG	3730	CCCTCCAA GGCTAGCTACAACGA TGATCCAA	20850
2266	UUGGAGGG G UGUUCACC	3731	GGTGAACA GGCTAGCTACAACGA CCCTCCAA	20851
2268	GGAGGGGU G UUCACCUC	3732	GAGGTGAA GGCTAGCTACAACGA ACCCCTCC	20852
2278	UCACCUCA G UUGGGAAG	3733	. CTTCCCAA GGCTAGCTACAACGA TGAGGTGA	20853
2287	UUGGGAAG G CUGUCCAU	3734	ATGGACAG GGCTAGCTACAACGA CTTCCCAA	20854
2290	GGAAGGCU G UCCAUCAA	3735	TTGATGGA GGCTAGCTACAACGA AGCCTTCC	20855
2299	UCCAUCAA G UGUUCGGA	3736	TCCGAACA GGCTAGCTACAACGA TTGATGGA	20856
2301	CAUCAAGU G UUCGGAGG	3737	CCTCCGAA GGCTAGCTACAACGA ACTTGATG	20857
2311	UCGGAGGA G CAUUCCGC	3738	GCGGAATG GGCTAGCTACAACGA TCCTCCGA	20858
2318	AGCAUUCC G CUCACUGU	3739	ACAGTGAG GGCTAGCTACAACGA GGAATGCT	20860
2325	CGCUCACU G UUCGGAGG	3740	CCTCCGAA GGCTAGCTACAACGA AGTGAGCG	20861
2333	GUUCGGAG G CAUGUCCU	3741	AGGACATG GGCTAGCTACAACGA CTCCGAAC	20862
2337	GGAGGCAU G UCCUGGAU	3742	ATCCAGGA GGCTAGCTACAACGA ATGCCTCC	20863
2349	UGGAUAAC G CAAGGAUU	3743	AATCCTTG GGCTAGCTACAACGA GTTATCCA	20864
2358	CAAGGAUU G CUGGGGGC	3744	GCCCCCAG GGCTAGCTACAACGA AATCCTTG	20865
2365	NGCNGGGG G CNCNCCNG	3745	CAGGAGAG GGCTAGCTACAACGA CCCCAGCA	20866
2373	GCUCUCCU G UUGUGGAU	3746	ATCCACAA GGCTAGCTACAACGA AGGAGAGC	20867
2376	CUCCUGUU G UGGAUGGG	3747	CCCATCCA GGCTAGCTACAACGA AACAGGAG	20868
2384	GUGGAUGG G CAUCAAUG	3748	CATTGATG GGCTAGCTACAACGA CCATCCAC	20869
2392	GCAUCAAU G CUCGUGAU	3749	ATCACGAG GGCTAGCTACAACGA ATTGATGC	20870
2396	CAAUGCUC G UGAUAGGU	3750	ACCTATCA GGCTAGCTACAACGA GAGCATTG	20871
2403	CGUGAUAG G UCCAUAGC	3751	GCTATGGA GGCTAGCTACAACGA CTATCACG	20872
2410	GGUCCAUA G CUCUCACG	3752	CGTGAGAG GGCTAGCTACAACGA TATGGACC	20873
2418	GCUCUCAC G UUUCUCGC	3753	GCGAGAAA GGCTAGCTACAACGA GTGAGAGC	20874
2425	CGUUUCUC G CAGUUGGA	3754	TCCAACTG GGCTAGCTACAACGA GAGAAACG	20875
2428	UUCUCGCA G UUGGAGGA	3755	TCCTCCAA GGCTAGCTACAACGA TGCGAGAA	20876
2437	UUGGAGGA G UUCUGCUC	3756	GAGCAGAA GGCTAGCTACAACGA TCCTCCAA	20877
2442	GGAGUUCU G CUCUUCCU	3757	AGGAAGAG GGCTAGCTACAACGA AGAACTCC	20878
2455	UCCUCUCC G UGAACGUG	3758	CACGTTCA GGCTAGCTACAACGA GGAGAGGA	20879
	CCGUGAAC G UGCACGCU	3759	AGCGTGCA GGCTAGCTACAACGA GTTCACGG	20880
2463	GUGAACGU G CACGCUGA	3760	TCAGCGTG GGCTAGCTACAACGA ACGTTCAC	20881
2467	ACGUGCAC G CUGACACU	3761	AGTGTCAG GGCTAGCTACAACGA GTGCACGT	20882
2478	GACACUGG G UGUGCCAU	3762	ATGGCACA GGCTAGCTACAACGA CCAGTGTC	20883
2480	CACUGGGU G UGCCAUAG	3763	CTATGGCA GGCTAGCTACAACGA ACCCAGTG	20884
2482	CUGGGUGU G CCAUAGAC	3764	GTCTATGG GGCTAGCTACAACGA ACACCCAG	20885
	AGACAUCA G CCGGCAAG	3765	CTTGCCGG GGCTAGCTACAACGA TGATGTCT	20886
2499	AUCAGCCG G CAAGAGCU	3766	AGCTCTTG GGCTAGCTACAACGA CGGCTGAT	20887
2505	CGGCAAGA G CUGAGAUG	3767	CATCTCAG GGCTAGCTACAACGA TCTTGCCG	20888
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			Table VI	
2513	GCUGAGAU G UGGAAGUG	3768	CACTTCCA GGCTAGCTACAACGA ATCTCAGC	20889
2519	AUGUGGAA G UGGAGUGU	3769	ACACTCCA GGCTAGCTACAACGA TTCCACAT	20890
2524	GAAGUGGA G UGUUCAUA	3770	TATGAACA GGCTAGCTACAACGA TCCACTTC	20891
2526	AGUGGAGU G UUCAUACA	3771	TGTATGAA GGCTAGCTACAACGA ACTCCACT	20892
2542	ACAAUGAU G UGGAGGCU	3772	AGCCTCCA GGCTAGCTACAACGA ATCATTGT	20893
2548	AUGUGGAG G CUUGGAUG	3773	CATCCAAG GGCTAGCTACAACGA CTCCACAT	20894
2562	AUGGACCG G UACAAGUA	3774	TACTTGTA GGCTAGCTACAACGA CGGTCCAT	20895
2568	CGGUACAA G UAUUACCC	3775	GGGTAATA GGCTAGCTACAACGA TTGTACCG	20896
2583	CCUGAAAC G CCACAAGG	3776	CCTTGTGG GGCTAGCTACAACGA GTTTCAGG	20897
2591	GCCACAAG G CCUAGCCA	3777	TGGCTAGG GGCTAGCTACAACGA CTTGTGGC	20898
2596	AAGGCCUA G CCAAGAUC	3778	GATCTTGG GGCTAGCTACAACGA TAGGCCTT	20899
2614	UUCAGAAA G CUCAUAAG	3779	CTTATGAG GGCTAGCTACAACGA TTTCTGAA	20900
2629	AGGAAGGA G UGUGCGGU	3780	ACCGCACA GGCTAGCTACAACGA TCCTTCCT	20901
2631	GAAGGAGU G UGCGGUCU	3781	AGACCGCA GGCTAGCTACAACGA ACTCCTTC	20902
2633	AGGAGUGU G CGGUCUAC	3782	GTAGACCG GGCTAGCTACAACGA ACACTCCT	20903
2636	AGUGUGCG G UCUACGAU	3783	ATCGTAGA GGCTAGCTACAACGA CGCACACT	20904
2647	UACGAUCA G UUUCCAGA	3784	TCTGGAAA GGCTAGCTACAACGA TGATCGTA	20905
2661	AGACUGGA G CAUCAAAU	3785	ATTTGATG GGCTAGCTACAACGA TCCAGTCT	20906
2670	CAUCAAAU G UGGGAAGC	3786	GCTTCCCA GGCTAGCTACAACGA ATTTGATG	20907
2677	UGUGGGAA G CAGUGAAG	3787	CTTCACTG GGCTAGCTACAACGA TTCCCACA	20908
2680	GGGAAGCA G UGAAGGAC	3788	GTCCTTCA GGCTAGCTACAACGA TGCTTCCC	20909
2691	AAGGACGA G CUGAACAC	3789	GTGTTCAG GGCTAGCTACAACGA TCGTCCTT	20910
2717	GGAGAAUG G UGUGGACC	3790	GGTCCACA GGCTAGCTACAACGA CATTCTCC	20911
2719	AGAAUGGU G UGGACCUU	3791	AAGGTCCA GGCTAGCTACAACGA ACCATTCT	20912
2729	GGACCUUA G UGUCGUGG	3792	CCACGACA GGCTAGCTACAACGA TAAGGTCC	20913
2731	ACCUUAGU G UCGUGGUU	3793	AACCACGA GGCTAGCTACAACGA ACTAAGGT	20914
2734	UUAGUGUC G UGGUUGAG	3794	CTCAACCA GGCTAGCTACAACGA GACACTAA	20915
2737	GUGUCGUG G UUGAGAAA	3795	TTTCTCAA GGCTAGCTACAACGA CACGACAC	20916
2757	GAGGGAAU G UACAAGUC	3796	GACTTGTA GGCTAGCTACAACGA ATTCCCTC	20917
2763	AUGUACAA G UCAGCACC	3797	GGTGCTGA GGCTAGCTACAACGA TTGTACAT	20918
2767	ACAAGUCA G CACCUAAA	3798	TTTAGGTG GGCTAGCTACAACGA TGACTTGT	20919
2777	ACCUAAAC G CCUCACCG	3799	CGGTGAGG GGCTAGCTACAACGA GTTTAGGT	20920
2785	GCCUCACC G CCACCACG	3800	CGTGGTGG GGCTAGCTACAACGA GGTGAGGC	20921
2810	GGAAAUUG G CUGGAAGG	3801	CCTTCCAG GGCTAGCTACAACGA CAATTTCC	20922
2818	GCUGGAAG G CCUGGGGA	3802	TCCCCAGG GGCTAGCTACAACGA CTTCCAGC	20923
2831	GGGAAAGA G UAUUUUAU	3803	ATAAAATA GGCTAGCTACAACGA TCTTTCCC	20924
2842	UUUUAUUU G CACCAGAA	3804	TTCTGGTG GGCTAGCTACAACGA AAATAAAA	20925
2854	CAGAACUC G CCAACAAC	3805	GTTGTTGG GGCTAGCTACAACGA GAGTTCTG	20926
2869	ACACCUUU G UGGUUGAU	3806	ATCAACCA GGCTAGCTACAACGA AAAGGTGT	20927
2872	CCUUUGUG G UUGAUGGU	3807	ACCATCAA GGCTAGCTACAACGA CACAAAGG	20928
2879	GGUUGAUG G UCCGGAGA	3808	TCTCCGGA GGCTAGCTACAACGA CATCAACC	20929
2897	CAAGGAAU G UCCGACUC	3809	GAGTCGGA GGCTAGCTACAACGA ATTCCTTG	20930
2912	UCAGAAUC G CGCUUGGA	3810	TCCAAGCG GGCTAGCTACAACGA GATTCTGA	20931
2914	AGAAUCGC G CUUGGAAU	3811	ATTCCAAG GGCTAGCTACAACGA GCGATTCT	20932
2924	UUGGAAUA G CUUAGAAG	3812	CTTCTAAG GGCTAGCTACAACGA TATTCCAA	20933
2932	GCUUAGAA G UGGAGGAU	3813	ATCCTCCA GGCTAGCTACAACGA TTCTAAGC	20934
2951	UGGAUUUG G UCUCACCA	3814	TGGTGAGA GGCTAGCTACAACGA CAAATCCA	20935
2960	UCUCACCA G CACUCGGA	3815	TCCGAGTG GGCTAGCTACAACGA TGGTGAGA	20936
2970	ACUCGGAU G UUCCUGAA	3816	TTCAGGAA GGCTAGCTACAACGA ATCCGAGT	20937
2980	UCCUGAAG G UCAGAGAG	3817	CTCTCTGA GGCTAGCTACAACGA CTTCAGGA	20938
2990	CAGAGAGA G CAACACAA	3818	TTGTGTTG GGCTAGCTACAACGA TCTCTCTG	20939
3005	AACUGAAU G UGACUCGA	3819	TCGAGTCA GGCTAGCTACAACGA ATTCAGTT	20940
3028	UUGGAACG G CUGUCAAG	3820	CTTGACAG GGCTAGCTACAACGA CGTTCCAA	20941
3031	GAACGGCU G UCAAGAAC	3821	GTTCTTGA GGCTAGCTACAACGA AGCCGTTC	20942
3046	ACAACUUG G CGAUCCAC	3822	GTGGATCG GGCTAGCTACAACGA CAAGTTGT	20943
3056	GAUCCACA G UGACCUGU	3823	ACAGGTCA GGCTAGCTACAACGA TGTGGATC	20944
3063	AGUGACCU G UCCUAUUG	3824	CAATAGGA GGCTAGCTACAACGA AGGTCACT	20945
3080	GAUUGAAA G CAGGCUCA	3825	TGAGCCTG GGCTAGCTACAACGA TTTCAATC	20946
3084	GAAAGCAG G CUCAAUGA	3826	TCATTGAG GGCTAGCTACAACGA CTGCTTTC	20947
3096	AAUGAUAC G UGGAAGCU	3827	AGCTTCCA GGCTAGCTACAACGA GTATCATT	20948
3102	ACGUGGAA G CUUGAAAG	3828	CTTTCAAG GGCTAGCTACAACGA TTCCACGT	20949
3112	UUGAAAGG G CAGUUCUG	3829	CAGAACTG GGCTAGCTACAACGA CCTTTCAA	20950

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3115		3830	ACCCAGAA GGCTAGCTACAACGA TGCCCTTT	20951
3122		3831	TGACTICA GGCTAGCTACAACGA CCAGAACT	20952
3127		3832	TGATTTGA GGCTAGCTACAACGA TTCACCCA	20953
3137		3833	GCCACGTA GGCTAGCTACAACGA ATGATTTG	20954
3144		3834	TCAGGCCA GGCTAGCTACAACGA GTACATGA	20955
3153		3835	GTCTCAGG GGCTAGCTACAACGA CACGTACA	20956
3162		3836	AAGGTATG GGCTAGCTACAACGA GTCTCAGG	20957
3167		3838	TCGCCCCA GGCTAGCTACAACGA AAGGTATG	20958
3185		3839	TTCCATCG GGCTAGCTACAACGA CCCACAAG	20959
3202		3840	TCAAGTCA GGCTAGCTACAACGA TCTCAAGG CAGTGTGA GGCTAGCTACAACGA TGGTATTA	20960
3211		3841	TGGTCCCG GGCTAGCTACAACGA TGGTATTA	20961
3224	ACCACGAA G CAAUCACA	3842	TGTGATTG GGCTAGCTACAACGA TTCGTGGT	20962
3246	AGACCUGG G UACAAGAC	3843	GTCTTGTA GGCTAGCTACAACGA CCAGGTCT	20963
3266	AAACCAGG G CCCAUGGG	3844	CCCATGGG GGCTAGCTACAACGA CCTGGTTT	20964
3281		3845	CTACCCGG GGCTAGCTACAACGA CTTCGTCC	20965
3286		3846	AATCTCTA GGCTAGCTACAACGA CCGGCCTT	20967
3308		3847	TTCCTGGG GGCTAGCTACAACGA AGTAATCG	20968
3322	GAACUACG G UCACCCUG	3848	CAGGGTGA GGCTAGCTACAACGA CGTAGTTC	20969
3332	CACCCUGA G UGAGAGCU	3849	AGCTCTCA GGCTAGCTACAACGA TCAGGGTG	20970
3338	GAGUGAGA G CUGCGGAC	3850	GTCCGCAG GGCTAGCTACAACGA TCTCACTC	20971
3350	UGAGAGCU G CGGACACC	3851	GGTGTCCG GGCTAGCTACAACGA AGCTCTCA	20972
3358	GUGGACCU G CCACUCGC	3852	CAGGTCCA GGCTAGCTACAACGA GGTGTCCG	20973
3365	UGCCACUC G CACCACCA	3853	GCGAGTGG GGCTAGCTACAACGA AGGTCCAC	20974
3380	CACAGAGA G CGGAAAGU	3854	TGGTGGTG GGCTAGCTACAACGA GAGTGGCA	20975
3387	AGCGGAAA G UUGAUAAC	3856	ACTITICG GGCTAGCTACAACGA TCTCTGTG	20976
3402	ACAGAUUG G UGCUGCAG	3857	GTTATCAA GGCTAGCTACAACGA TTTCCGCT	20977
3404	AGAUUGGU G CUGCAGGA	3858	CTGCAGCA GGCTAGCTACAACGA CAATCTGT TCCTGCAG GGCTAGCTACAACGA ACCAATCT	20978
3407	UUGGUGCU G CAGGAGCU	3859	AGCTCCTG GGCTAGCTACAACGA AGCACCAA	20979
3413	CUGCAGGA G CUGCACCU	3860	AGGTGCAG GGCTAGCTACAACGA TCCTGCAG	20980
3416	CAGGAGCU G CACCUUAC	3861	GTAAGGTG GGCTAGCTACAACGA AGCTCCTG	20981
3432	CCACCACU G CGCUACCA	3862	TGGTAGCG GGCTAGCTACAACGA AGTGGTGG	20983
3434	ACCACUGC G CUACCAAA	3863	TTTGGTAG GGCTAGCTACAACGA GCAGTGGT	20984
3449	AACUGACA G CGGCUGUU	3864	AACAGCCG GGCTAGCTACAACGA TGTCAGTT	20985
3452	UGACAGCG G CUGUUGGU	3865	ACCAACAG GGCTAGCTACAACGA CGCTGTCA	20986
3459	CAGCGGCU G UUGGUAUG	3866	CATACCAA GGCTAGCTACAACGA AGCCGCTG	20987
3464	GGCUGUUG G UAUGGUAU UUGGUAUG G UAUGGAGA	3867	ATACCATA GGCTAGCTACAACGA CAACAGCC	20988
3505	AGACCCUC G UGCAGUCA	3868	TCTCCATA GGCTAGCTACAACGA CATACCAA	20989
3507	ACCCUCGU G CAGUCACA	3869 3870	TGACTGCA GGCTAGCTACAACGA GAGGGTCT	20990
3510	CUCGUGCA G UCACAAGU	3871	TGTGACTG GGCTAGCTACAACGA ACGAGGGT	20991
3517	AGUCACAA G UGAAUGCU	3872	ACTIGIGA GGCTAGCTACAACGA TGCACGAG	20992
3523	AAGUGAAU G CUUAUAAU	3873	AGCATTCA GGCTAGCTACAACGA TTGTGACT ATTATAAG GGCTAGCTACAACGA ATTCACTT	20993
3532	CUUAUAAU G CUGAUAUG	3874	CATATCAG GGCTAGCTACAACGA ATTCACTT	20994
3555	CCUUUUCA G UUGGGCCU	3875	AGGCCCAA GGCTAGCTACAACGA TGAAAAGG	20995
3560	UCAGUUGG G CCUUCUGG	3876	CCAGAAGG GGCTAGCTACAACGA CCAACTGA	20996
3568	GCCUUCUG G UCGUGUUC	3877	GAACACGA GGCTAGCTACAACGA CAGAAGGC	20997
3571	UUCUGGUC G UGUUCUUG	3878	CAAGAACA GGCTAGCTACAACGA GACCAGAA	20998
3573	CUGGUCGU G UUCUUGGC	3879	GCCAAGAA GGCTAGCTACAACGA ACGACCAG	21000
3580	UGUUCUUG G CCACCCAG	3880	CTGGGTGG GGCTAGCTACAACGA CAAGAACA	21001
3592 3599	CCCAGGAG G UCCUUCGC	3881	GCGAAGGA GGCTAGCTACAACGA CTCCTGGG	21002
3606	GGUCCUUC G CAAGAGGU	3882	ACCTCTTG GGCTAGCTACAACGA GAAGGACC	21003
3613	CGCAAGAG G UGGACAGC GGUGGACA G CCAAGAUC	3883	GCTGTCCA GGCTAGCTACAACGA CTCTTGCG	21004
3623	CAAGAUCA G CCAAGAUC	3884	GATCTTGG GGCTAGCTACAACGA TGTCCACC	21005
3627	AUCAGCAU G CCAGCUAU	3885	CTGGCATG GGCTAGCTACAACGA TGATCTTG	21006
3631	GCAUGCCA G CUAUACUG	3886	ATAGCTGG GGCTAGCTACAACGA ATGCTGAT	21007
3643	UACUGAUU G CUCUGCUA	3887	CAGTATAG GGCTAGCTACAACGA TGGCATGC	21008
3648	AUUGCUCU G CUAGUCCU	3888	TAGCAGAG GGCTAGCTACAACGA AATCAGTA	21009
3652	CUCUGCUA G UCCUGGUG	3890	AGGACTAG GGCTAGCTACAACGA AGAGCAAT	21010
3658	UAGUCCUG G UGUUUGGG	3891	CACCAGGA GGCTAGCTACAACGA TAGCAGAG CCCAAACA GGCTAGCTACAACGA CAGGACTA	21011
			TOTAL GOLINGITACIACIGA CAGGACTA	21012

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	·		Table VI	
3660	GUCCUGGU G UUUGGGGG	3892	CCCCCAAA GGCTAGCTACAACGA ACCAGGAC	2101
3668	GUUUGGGG G CAUUACUU	3893	AAGTAATG GGCTAGCTACAACGA CCCCAAAC	2101
3685 3687	ACACUGAU G UGUUACGC	3894	GCGTAACA GGCTAGCTACAACGA ATCAGTGT	2101
3692	ACUGAUGU G UUACGCUA	3895	TAGCGTAA GGCTAGCTACAACGA ACATCAGT	2101
3697	UGUGUUAC G CUAUGUCA	3896	TGACATAG GGCTAGCTACAACGA GTAACACA	2101
3706	UACGCUAU G UCAUCUUG	3897	CAAGATGA GGCTAGCTACAACGA ATAGCGTA	2101
3712	UCAUCUUG G UGGGGGCA	3898	TGCCCCCA GGCTAGCTACAACGA CAAGATGA	2101
3715	UGGUGGGG G CAGCUUUC	3899	GAAAGCTG GGCTAGCTACAACGA CCCCACCA	2102
3721	UGGGGGCA G CUUUCGCA	3900	TGCGAAAG GGCTAGCTACAACGA TGCCCCCA	2102
3745	CAGCUUUC G CAGAAUCU	3901	AGATTCTG GGCTAGCTACAACGA GAAAGCTG	2102
3748	GAGGAGAC G UGGUACAC	3902	GTGTACCA GGCTAGCTACAACGA GTCTCCTC	2102
3757	GAGACGUG G UACACUUG	3903	CAAGTGTA GGCTAGCTACAACGA CACGTCTC	2102
3759	UACACUUG G CGCUCAUG	3904	CATGAGCG GGCTAGCTACAACGA CAAGTGTA	2102
3766	CACUUGGC G CUCAUGGC CGCUCAUG G CGACCUUC	3905	GCCATGAG GGCTAGCTACAACGA GCCAAGTG	2102
3787	UACAACCA G UGUUUAUG	3906	GAAGGTCG GGCTAGCTACAACGA CATGAGCG	2102
3789	CAACCAGU G UUUAUGGU	3907	CATAAACA GGCTAGCTACAACGA TGGTTGTA	2102
3796	UGUUUAUG G UGGCAUCG	3908	ACCATAAA GGCTAGCTACAACGA ACTGGTTG	21029
3799	UUAUGGUG G CAUCGUUU	3909	CGATGCCA GGCTAGCTACAACGA CATAAACA	21030
3804	GUGGCAUC G UUUCUCAA	3910	AAACGATG GGCTAGCTACAACGA CACCATAA	21031
3814	UUCUCAAA G CGAGAUGG	3911	TTGAGAAA GGCTAGCTACAACGA GATGCCAC	21032
3843	AACAUUUU G UUGAUGUU	3912	CCATCTCG GGCTAGCTACAACGA TTTGAGAA	21033
3849	UUGUUGAU G UUGGCGGC	3913	AACATCAA GGCTAGCTACAACGA AAAATGTT	21034
3853	UGAUGUUG G CGGCUGUU	3914	GCCGCCAA GGCTAGCTACAACGA ATCAACAA	21035
3856	UGUUGGCG G CUGUUUUC	3916	AACAGCCG GGCTAGCTACAACGA CAACATCA	21036
3859	UGGCGGCU G UUUUCUUU	3917	GAAAACAG GGCTAGCTACAACGA CGCCAACA	21037
3874	UUCAAAUG G CUUAUCAC	3918	AAAGAAAA GGCTAGCTACAACGA AGCCGCCA	21038
3886	AUCACGAU G CCCGCCAA	3919	GTGATAAG GGCTAGCTACAACGA CATTTGAA	21039
3890	CGAUGCCC G CCAAAUUC	3920	TTGGCGGG GGCTAGCTACAACGA ATCGTGAT	21040
3900	CAAAUUCU G CUCUGGGA	3921	GAATTTGG GGCTAGCTACAACGA GGGCATCG	21041
3919	UCCCUGAU G UGUUGAAU	3922	TCCCAGAG GGCTAGCTACAACGA AGAATTTG	21042
3921	CCUGAUGU G UUGAAUUC	3923	ATTCAACA GGCTAGCTACAACGA ATCAGGGA GAATTCAA GGCTAGCTACAACGA ACATCAGG	21043
3934	AUUCACUG G CGGUAGCU	3924	AGCTACCG GGCTAGCTACAACGA CAGTGAAT	21044
3937	CACUGGCG G UAGCUUGG	3925	CCAAGCTA GGCTAGCTACAACGA CGCCAGTG	21045
3940	UGGCGGUA G CUUGGAUG	3926	CATCCAAG GGCTAGCTACAACGA TACCGCCA	21046
3958	UACUGAGA G CCAUAACA	3927	TGTTATGG GGCTAGCTACAACGA TCTCAGTA	21047
3985	CAUCAAAC G UGGUUGUU	3928	AACAACCA GGCTAGCTACAACGA GTTTGATG	21048
3988	CAAACGUG G UUGUUCCG	3929	CGGAACAA GGCTAGCTACAACGA CACGTTTG	21049
3991	ACGUGGUU G UUCCGCUG	3930	CAGCGGAA GGCTAGCTACAACGA AACCACGT	21050
3996	GUUGUUCC G CUGCUAGC	3931	GCTAGCAG GGCTAGCTACAACGA GGAACAAC	21051
3999	GUUCCGCU G CUAGCCCU	3932	AGGGCTAG GGCTAGCTACAACGA AGCGGAAC	21052
4003	CGCUGCUA G CCCUGCUA	3933	TAGCAGGG GGCTAGCTACAACGA TAGCAGCG	21054
4008	CUAGCCCU G CUAACACC	3934	GGTGTTAG GGCTAGCTACAACGA AGGGCTAG	21055
4020	ACACCCGG G CUGAGAUG	3935	CATCTCAG GGCTAGCTACAACGA CCGGGTGT	21056
4028	GCUGAGAU G CUUGAAUC	3936	GATTCAAG GGCTAGCTACAACGA ATCTCAGC	21057
4042	AUCUGGAU G UGUACAGG	3937	CCTGTACA GGCTAGCTACAACGA ATCCAGAT	21058
4056	CUGGAUGU G UACAGGAU	3938	ATCCTGTA GGCTAGCTACAACGA ACATCCAG	21059
4059	AGGAUACU G CUGUUGAU	3939	ATCAACAG GGCTAGCTACAACGA AGTATCCT	21060
4066	AUACUGCU G UUGAUGGU UGUUGAUG G UCGGAAUA	3940	ACCATCAA GGCTAGCTACAACGA AGCAGTAT	21061
4076	CGGAAUAG G CAGCUUGA	3941	TATTCCGA GGCTAGCTACAACGA CATCAACA	21062
4079	AAUAGGCA G CUUGAUCA	3942	TCAAGCTG GGCTAGCTACAACGA CTATTCCG	21063
4100	GAAGAGGA G UGCAGCUG	3943	TGATCAAG GGCTAGCTACAACGA TGCCTATT	21064
4102	AGAGGAGU G CAGCUGCA	3944	CAGCTGCA GGCTAGCTACAACGA TCCTCTTC	21065
4105	GGAGUGCA G CUGCAAAA	3945	TGCAGCTG GGCTAGCTACAACGA ACTCCTCT	21066
4108	GUGCAGCU G CAAAAAAG	3946	TTTTGCAG GGCTAGCTACAACGA TGCACTCC	21067
4123	AGAAAGGA G CAAGUCUG	3947	CTTTTTTG GGCTAGCTACAACGA AGCTGCAC	21068
4127	AGGAGCAA G UCUGCUAU	3948	CAGACTTG GGCTAGCTACAACGA TCCTTTCT	21069
4131	GCAAGUCU G CUAUGCUU	3950	ATAGCAGA GGCTAGCTACAACGA TTGCTCCT	21070
4136	UCUGCUAU G CUUGGCUC	3951	AAGCATAG GGCTAGCTACAACGA AGACTTGC	21071
4141	UAUGCUUG G CUCUAGCC	3952	GAGCCAAG GGCTAGCTACAACGA ATAGCAGA	21072
4147	UGGCUCUA G CCUCAACA	3953	GGCTAGAG GGCTAGCTACAACGA CAAGCATA	21073
			TGTTGAGG GGCTAGCTACAACGA TAGAGCCA	21074

wo	0 02/068637		Table VI PCT/US01/48350	
4180	UGAUCCUU G CUGCUGGA	3954	TOCACCAC CCCTACOTA CAA CCA	
4183	UCCUUGCU G CUGGACUG	3955	TCCAGCAG GGCTAGCTACAACGA AAGGATCA	21075
4195	GACUGAUU G CAUGUGAU	3956	CAGTCCAG GGCTAGCTACAACGA AGCAAGGA	21076
4199	GAUUGCAU G UGAUCCCA	3957	ATCACATG GGCTAGCTACAACGA AATCAGTC	21077
4211	UCCCAACC G UAAACGCG	3958	TGGGATCA GGCTAGCTACAACGA ATGCAATC	21078
4217	CCGUAAAC G CGGAUGGC		CGCGTTTA GGCTAGCTACAACGA GGTTGGGA	21079
4224	CGCGGAUG G CCCGCAAC	3959	GCCATCCG GGCTAGCTACAACGA GTTTACGG	21080
4228	GAUGGCCC G CAACUGAA	3960	GTTGCGGG GGCTAGCTACAACGA CATCCGCG	21081
4237		3961	TTCAGTTG GGCTAGCTACAACGA GGGCCATC	21082
4246	CAACUGAA G UGAUGACA	3962	TGTCATCA GGCTAGCTACAACGA TTCAGTTG	21083
	UGAUGACA G CUGUCGGC	3963	GCCGACAG GGCTAGCTACAACGA TGTCATCA	21084
4249	UGACAGCU G UCGGCCUA	3964	TAGGCCGA GGCTAGCTACAACGA AGCTGTCA	21085
4253	AGCUGUCG G CCUAAUGU	3965	ACATTAGG GGCTAGCTACAACGA CGACAGCT	21086
4260	GGCCUAAU G UUUGCCAU	3966	ATGGCAAA GGCTAGCTACAACGA ATTAGGCC	21087
4264	UAAUGUUU G CCAUCGUC	3967	GACGATGG GGCTAGCTACAACGA AAACATTA	21088
4270	UUGCCAUC G UCGGAGGG	3968	CCCTCCGA GGCTAGCTACAACGA GATGGCAA	21089
4278	GUCGGAGG G CUGGCAGA	3969	TCTGCCAG GGCTAGCTACAACGA CCTCCGAC	21090
4282	GAGGGCUG G CAGAGCUU	3970	AAGCTCTG GGCTAGCTACAACGA CAGCCCTC	21091
4287	CUGGCAGA G CUUGACAU	3971	ATGTCAAG GGCTAGCTACAACGA TCTGCCAG	21092
4306	ACUCCAUG G CCAUUCCA	3972	TGGAATGG GGCTAGCTACAACGA CATGGAGT	21092
4324	UGACUAUC G CGGGGCUC	3973	GAGCCCCG GGCTAGCTACAACGA GATAGTCA	21093
4329	AUCGCGGG G CUCAUGUU	3974	AACATGAG GGCTAGCTACAACGA CCCGCGAT	
4335	GGGCUCAU G UUUGCUGC	3975	GCAGCAAA GGCTAGCTACAACGA ATGAGCCC	21095
4339	UCAUGUUU G CUGCUUUC	3976	GAAAGCAG GGCTAGCTACAACGA AAACATGA	21096
4342	UGUUUGCU G CUUUCGUG	3977	CACGAAAG GGCTAGCTACAACGA AGCAAACA	21097
4348	CUGCUUUC G UGAUUUCU	3978	AGAAATCA GGCTAGCTACAACGA GAAAGCAG	21098
4374	ACAGAUAU G UGGAUUGA	3979	TCAATCCA GGCTAGCTACAACGA ATATCTGT	21099
4390	AGAGAACG G CGGACAUU	3980	AATGTCCG GGCTAGCTACAACGA CGTTCTCT	21100
4409	CUGGGAAA G UGAUGCAG	3981	CTGCATCA GGCTAGCTACAACGA TTTCCCAG	21101
4414	AAAGUGAU G CAGAAAUU	3982	AATTTCTG GGCTAGCTACAACGA ATCACTTT	21102
4427	AAUUACAG G CUCGAGCG	3983		21103
4433	AGGCUCGA G CGAAAGAG	3984	CGCTCGAG GGCTAGCTACAACGA CTGTAATT	21104
4441	GCGAAAGA G UUGAUGUG	3985	CTCTTTCG GGCTAGCTACAACGA TCGAGCCT	21105
4447	GAGUUGAU G UGCGGCUU	3986	CACATCAA GGCTAGCTACAACGA TCTTTCGC	21106
4449	GUUGAUGU G CGGCUUGA	3987	AAGCCGCA GGCTAGCTACAACGA ATCAACTC	21107
4452	GAUGUGCG G CUUGAUGA	3988	TCAAGCCG GGCTAGCTACAACGA ACATCAAC	21108
4476	AACUUCCA G CUCAUGAA	+	TCATCAAG GGCTAGCTACAACGA CGCACATC	21109
4495	AUCCAGGA G CACCUUGG	3989	TTCATGAG GGCTAGCTACAACGA TGGAAGTT	21110
4515	AUAUGGAU G CUCAGAAU	3990	CCAAGGTG GGCTAGCTACAACGA TCCTGGAT	21111
4525	UCAGAAUG G UCUGUCUC	3991	ATTCTGAG GGCTAGCTACAACGA ATCCATAT	21112
4529	AAUGGUCU G UCUCGCGA	3992	GAGACAGA GGCTAGCTACAACGA CATTCTGA	21113
4534	UCUGUCUC G CGAUUAGU	3993	TCGCGAGA GGCTAGCTACAACGA AGACCATT	21114
4541		3994	ACTAATCG GGCTAGCTACAACGA GAGACAGA	21115
4543	CGCGAUUA G UGCGUACA	3995	TGTACGCA GGCTAGCTACAACGA TAATCGCG	21116
4545	CGAUUAGU G CGUACACC	3996	GGTGTACG GGCTAGCTACAACGA ACTAATCG	21117
	AUUAGUGC G UACACCCC	3997	GGGGTGTA GGCTAGCTACACGA GCACTAAT	21118
4558	CCCCCUGG G CAAUCUUG	3998	CAAGATTG GGCTAGCTACAACGA CCAGGGGG	21119
4566	GCAAUCUU G CCCUCAGU	3999	ACTGAGGG GGCTAGCTACAACGA AAGATTGC	21120
4573	UGCCCUCA G UAGUUGGA	4000	TCCAACTA GGCTAGCTACAACGA TGAGGGCA	21121
4576	CCUCAGUA G UUGGAUUU	4001	AAATCCAA GGCTAGCTACAACGA TACTGAGG	21122
4616	GAGAGGAG G CGUGUUGU	4002	ACAACACG GGCTAGCTACAACGA CTCCTCTC	21123
4618	GAGGAGGC G UGUUGUGG	4003	CCACAACA GGCTAGCTACAACGA GCCTCCTC	21123
4620	GGAGGCGU G UUGUGGGA	4004	TCCCACAA GGCTAGCTACAACGA ACGCCTCC	
4623	GGCGUGUU G UGGGACAC	4005	GTGTCCCA GGCTAGCTACAACGA AACACGCC	21125
4647	CCAAAGGA G UACAAAA	4006	TTTTTGTA GGCTAGCTACAACGA TCCTTTGG	21126
4673	GACCACCG G CGUCUACA	4007	TGTAGACG GGCTAGCTACAACGA CGGTGGTC	21127
4675	CCACCGGC G UCUACAGG	4008	CCTGTAGA GGCTAGCTACAACGA GCCGGTGG	21128
4694	CAUGACUC G UGGGCUGC	4009	GCAGCCCA GGCTAGCTACAACGA GAGTCATG	21129
4698	ACUCGUGG G CUGCUCGG	4010	CCGAGCAG GGCTAGCTACAACGA CCACGAGT	21130
4701	CGUGGGCU G CUCGGCAG	4011	CTGCGAG GGCTAGCTACAACGA CCACGAGT CTGCGGAG GGCTAGCTACAACGA AGCCCACG	21131
4706	GCUGCUCG G CAGUUAUC	4012	GATAACTC CCCTACCTACAACGA AGCCCACG	21132
4709	GCUCGGCA G UUAUCAAG	4013	GATAACTG GGCTAGCTACAACGA CGAGCAGC	21133
4717	GUUAUCAA G CAGGAGCG	4014	CTTGATAA GGCTAGCTACAACGA TGCCGAGC	21134
4723	AAGCAGGA G CGGGCGUG		CGCTCCTG GGCTAGCTACAACGA TIGATAAC	21135
		4015	CACGCCCG GGCTAGCTACAACGA TCCTGCTT	21136

			1able VI	
4727		4016	CCATCACG GGCTAGCTACAACGA CCGCTCCT	21137
4729	GAGCGGGC G UGAUGGUU	4017	AACCATCA GGCTAGCTACAACGA GCCCGCTC	
4735	GCGUGAUG G UUGAAGGU	4018	ACCTICAA GGCTAGCTACAACGA CATCACGC	21138
4742	GGUUGAAG G UGUUUUCC	4019	GGAAAACA GGCTAGCTACAACGA CTTCAACC	21139
4744	UUGAAGGU G UUUUCCAC	4020	GTGGAAAA GGCTAGCTACAACGA ACCTTCAA	21140
4761	ACCCUUUG G CAUACAAC	4021	GTTGTATG GGCTAGCTACAACGA CAAAGGGT	21141
4777	CAAAAGGA G CCGCUUUG	4022	CAAAGCGG GGCTAGCTACAACGA TCCTTTTG	21142
4780	AAGGAGCC G CUUUGAUG	4023	CATCAAAG GGCTAGCTACAACGA GGCTCCTT	21143
4790	UUUGAUGA G CGGAGAGG	4024	CCTCTCCG GGCTAGCTACAACGA TCATCAAA	21144
4799	CGGAGAGG G CCGCCUGG	4025	CCAGGCGG GGCTAGCTACAACGA CCTCTCCG	21145
4802	AGAGGGCC G CCUGGACC	4026	GGTCCAGG GGCTAGCTACAACGA GGCCCTCT	21146
4820	AUACUGGG G CAGUGUCA	4027	TGACACTG GGCTAGCTACAACGA CCCAGTAT	21147
4823	CUGGGGCA G UGUCAAGG	4028	CCTTGACA GGCTAGCTACAACGA TGCCCCAG	21148
4825	GGGGCAGU G UCAAGGAG	4029	CTCCTTGA GGCTAGCTACAACGA ACTGCCCC	21149
4844	UCGACUUU G UUACGGAG	4030	CTCCGTAA GGCTAGCTACAACGA AAAGTCGA	21150
4866	UGGAAAUU G CAGCACAA	4031	TTGTGCTG GGCTAGCTACAACGA AATTTCCA	21151
4869	AAAUUGCA G CACAAGUG	4032	CACTTGTG GGCTAGCTACAACGA TGCAATTT	21152
4875	CAGCACAA G UGGAACGG	4033	CCGTTCCA GGCTAGCTACAACGA TTGTGCTG	21153
4884	UGGAACGG G CAGGAUGA	4034	TCATCCTG GGCTAGCTACAACGA CCGTTCCA	21154
4894	AGGAUGAG G UGCAGAUG	4035	CATCTGCA GGCTAGCTACAACGA CTCATCCT	21155
4896	GAUGAGGU G CAGAUGAU	4036	ATCATCTG GGCTAGCTACAACGA ACCTCATC	21156
4906	AGAUGAUU G UGGUGGAA	4037	TTCCACCA GGCTAGCTACAACGA AATCATCT	21157
4909	UGAUUGUG G UGGAACCU	4038	AGGTTCCA GGCTAGCTACAACGA CACAATCA	21158
4919	GGAACCUG G CAAGAACG	4039	CGTTCTTG GGCTAGCTACAACGA CAGGTTCC	21159
4927	GCAAGAAC G UUAAGAAC	4040	GTTCTTAA GGCTAGCTACAACGA GTTCTTGC	21160
4936	UUAAGAAC G UCCAGACG	4041	CGTCTGGA GGCTAGCTACAACGA GTTCTTAA	21161
4954	AACCAGGG G UGUUCAAA	4042	TTTGAACA GGCTAGCTACAACGA CCCTGGTT	21162
4956	CCAGGGGU G UUCAAAAC	4043	GTTTTGAA GGCTAGCTACAACGA ACCCCTGG	21163
4984	AAAUCGGG G CCGUGACU	4044	AGTCACGG GGCTAGCTACAACGA CCCGATTT	21164
4987	UCGGGGCC G UGACUUUG	4045	CAAAGTCA GGCTAGCTACAACGA GGCCCCGA	21165
5018	AACAUCAG G CUCACCAA	4046	TTGGTGAG GGCTAGCTACAACGA CTGATGTT	21166
5029	CACCAAUA G UGGACAAA	4047	TTTGTCCA GGCTAGCTACAACGA TATTGGTG	21167
5042	CAAAAACG G UGAUGUGA	4048	TCACATCA GGCTAGCTACAACGA CGTTTTTG	21168
5047	ACGGUGAU G UGAUUGGG	4049	CCCAATCA GGCTAGCTACAACGA ATCACCGT	21169
5055	GUGAUUGG G CUUUAUGG	4050	CCATAAAG GGCTAGCTACAACGA CCAATCAC	21170
5063	GCUUUAUG G CAAUGGAG	4051	CTCCATTG GGCTAGCTACAACGA CATAAAGC	21171
5071	GCAAUGGA G UCAUAAUG	4052	CATTATGA GGCTAGCTACAACGA TCCATTGC	21172
5079	GUCAUAAU G CCCAACGG	4053	CCGTTGGG GGCTAGCTACAACGA ATTATGAC	21173
5087	GCCCAACG G CUCAUACA	4054	TGTATGAG GGCTAGCTACAACGA CGTTGGGC	21174
5099	AUACAUAA G CGCGAUAG	4055	CTATCGCG GGCTAGCTACAACGA TTATGTAT	21175
5101	ACAUAAGC G CGAUAGUG	4056	CACTATCG GGCTAGCTACAACGA GCTTATGT	21176
5107	GCGCGAUA G UGCAGGGU	4057	ACCCTGCA GGCTAGCTACAACGA TATCGCGC	21177
5109	GCGAUAGU G CAGGGUGA	4058	TCACCCTG GGCTAGCTACAACGA ACTATCGC	21178
5114	AGUGCAGG G UGAAAGGA	4059	TCCTTTCA GGCTAGCTACAACGA CCTGCACT	21179
5130	AUGGAUGA G CCAAUCCC	4060	GGGATTGG GGCTAGCTACAACGA TCATCCAT	21180
5140	CAAUCCCA G CCGGAUUC	4061	GAATCCGG GGCTAGCTACAACGA TGGGATTG	21181
5160	CCUGAGAU G CUGAGGAA	4062	TTCCTCAG GGCTAGCTACAACGA ATCTCAGG	21182
5182	AGAUCACU G UACUGGAU	4063	ATCCAGTA GGCTAGCTACAACGA AGTGATCT	21183
5201	CCAUCCCG G CGCCGGUA	4064	TACCGGCG GGCTAGCTACAACGA CGGGATGG	21184
5203	AUCCOGGC G CCGGUAAA	4065	TTTACCGG GGCTAGCTACAACGA GCCGGGAT	21185
5207	CGGCGCCG G UAAAACAA	4066	TIGITITA GGCTAGCTACAACGA CGGCGCCG	21186
5226	AGGAUUCU G CCACAGAU	4067	ATCTGTGG GGCTAGCTACAACGA AGAATCCT	21187
5245	UCAAAGAG G CCAUAAAC	4068	GTTTATGG GGCTAGCTACAACGA CTCTTTGA	21188
5269	UGAGAACA G CCGUGCUA	4069	TAGCACGG GGCTAGCTACAACGA TGTTCTCA	21189
5272	GAACAGCC G UGCUAGCA	4070	TGCTAGCA GGCTAGCTACAACGA GGCTGTTC	21190
5274	ACAGCCGU G CUAGCACC	4071	GGTGCTAG GGCTAGCTACAACGA ACGGCTGT	21191
5278	CCGUGCUA G CACCAACC	4072	GGTTGGTG GGCTAGCTACAACGA TAGCACGG	21192
5290	CAACCAGG G UUGUGGCU	4073	AGCCACAA GGCTAGCTACAACGA CCTGGTTG	21193
5293	CCAGGGUU G UGGCUGCU	4074	AGCAGCCA GGCTAGCTACAACGA AACCCTGG	21194
5296	GGGUUGUG G CUGCUGAG	4075	CTCAGCAG GGCTAGCTACAACGA CACAACCC	21195
5299	UUGUGGCU G CUGAGAUG	4076	CATCTCAG GGCTAGCTACAACGA AGCCACAA	21196
5308	CUGAGAUG G CUGAAGCA	4077	TGCTTCAG GGCTAGCTACAACGA CATCTCAG	21197
			COOLING CATCTURG	21198

		Т	able VI	
5314	UGGCUGAA G CACUGAGA	4078	TCTCAGTG GGCTAGCTACAACGA TTCAGCCA	21199
5328	AGAGGACU G CCCAUCCG	4079	CGGATGGG GGCTAGCTACAACGA AGTCCTCT	21200
5337	CCCAUCCG G UACCAGAC	4080	GTCTGGTA GGCTAGCTACAACGA CGGATGGG	21201
5350	AGACAUCC G CAGUGCCC	4081	GGGCACTG GGCTAGCTACAACGA GGATGTCT	21202
5353	CAUCCGCA G UGCCCAGA	4082	TCTGGGCA GGCTAGCTACAACGA TGCGGATG	21203
5355	UCCGCAGU G CCCAGAGA	4083	TCTCTGGG GGCTAGCTACAACGA ACTGCGGA	21204
5383	AUGAGAUU G UUGAUGUC	4084	GACATCAA GGCTAGCTACAACGA AATCTCAT	21205
5389	UUGUUGAU G UCAUGUGU	4085	ACACATGA GGCTAGCTACAACGA ATCAACAA	21206
5394	GAUGUCAU G UGUCAUGC	4086	GCATGACA GGCTAGCTACAACGA ATGACATC	21207
5396	UGUCAUGU G UCAUGCUA	4087	TAGCATGA GGCTAGCTACAACGA ACATGACA	21208
5401	UGUGUÇAU G CUACCCUC	4088	GAGGGTAG GGCTAGCTACAACGA ATGACACA	21209
5418	ACCCACAG G CUGAUGUC	4089	GACATCAG GGCTAGCTACAACGA CTGTGGGT	21210
5424	AGGCUGAU G UCUCCUCA	4090	TGAGGAGA GGCTAGCTACAACGA ATCAGCCT	21211
5437	CUCACAGG G UGCCGAAC	4091	GTTCGGCA GGCTAGCTACAACGA CCTGTGAG	21212
5439	CACAGGGU G CCGAACUA	4092	TAGTTCGG GGCTAGCTACAACGA ACCCTGTG	21213
5454	UACAACCU G UUCGUGAU	4093	ATCACGAA GGCTAGCTACAACGA AGGTTGTA	21214
5458	ACCUGUUC G UGAUGGAU	4094	ATCCATCA GGCTAGCTACAACGA GAACAGGT	21214
5470	UGGAUGAG G CUCAUUUC	4095	GAAATGAG GGCTAGCTACAACGA CTCATCCA	21216
5488	CCGACCCA G CUAGCAUU	4096	AATGCTAG GGCTAGCTACAACGA TGGGTCGG	21217
5492	CCCAGCUA G CAUUGCAG	4097	CTGCAATG GGCTAGCTACAACGA TAGCTGGG	21217
5497	CUAGCAUU G CAGCAAGA	4098	TCTTGCTG GGCTAGCTACAACGA AATGCTAG	
5500	GCAUUGCA G CAAGAGGU	4099	ACCTCTTG GGCTAGCTACAACGA TGCAATGC	21219
5507	AGCAAGAG G UUACAUUU	4100	AAATGTAA GGCTAGCTACAACGA CTCTTGCT	21220
5524	CCACAAAG G UCGAGCUA	4101	TAGCTCGA GGCTAGCTACAACGA CTTTGTGG	21221
5529	AAGGUCGA G CUAGGGGA	4102	TCCCCTAG GGCTAGCTACAACGA TCGACCTT	21222
5539	UAGGGGAG G CGGCGGCA	4103	TGCCGCCG GGCTAGCTACAACGA CTCCCCTA	21223
5542	GGGAGGCG G CGGCAAUA	4104	TATTGCCG GGCTAGCTACAACGA CGCCTCCC	21224
5545	AGGCGGCG G CAAUAUUC	4105	GAATATTG GGCTAGCTACAACGA CGCCGCCT	21225
5560	UCAUGACA G CCACCCCA	4106	TGGGTGG GGCTAGCTACAACGA TGTCATGA	21226
5573	CCCACCAG G CACUUCAG	4107	CTGAAGTG GGCTAGCTACAACGA CTGGTGGG	21227
5595	UUCCCAGA G UCCAAUUC	4108	GAATTGGA GGCTAGCTACAACGA TCTGGGAA	21228
5641	CGGAUCGA G CUUGGAAC	4109	GTTCCAAG GGCTAGCTACAACGA TCGATCCG	21229
5689	GGAAGACG G UUUGGUUU	4110	AAACCAAA GGCTAGCTACAACGA CGTCTTCC	21230
5694	ACGGUUUG G UUUGUGCC	4111	GGCACAAA GGCTAGCTACAACGA CAAACCGT	21231
5698	UUUGGUUU G UGCCUAGU	4112	ACTAGGCA GGCTAGCTACAACGA AAACCAAA	21232
5700	UGGUUUGU G CCUAGUGU	4113	ACACTAGG GGCTAGCTACAACGA ACAAACCA	21233
5705	UGUGCCUA G UGUCAAGA	4114	TCTTGACA GGCTAGCTACAACGA TAGGCACA	21234
5707	UGCCUAGU G UCAAGAUG	4115	CATCTTGA GGCTAGCTACAACGA ACTAGGCA	21236
5728	AUGAGAUU G CCCUUUGC	4116	GCAAAGGG GGCTAGCTACAACGA AATCTCAT	
5735	UGCCCUUU G CCUACAAC	4117	GTTGTAGG GGCTAGCTACAACGA AAAGGGCA	21237
5744	CCUACAAC G UGCUGGAA	4118	TTCCAGCA GGCTAGCTACAACGA GTTGTAGG	21238
5746	UACAACGU G CUGGAAAG	4119	CTTTCCAG GGCTAGCTACAACGA ACGTTGTA	21239
5758	GAAAGAAA G UAGUCCAA	4120	TTGGACTA GGCTAGCTACAACGA TTTCTTTC	21240
5761	AGAAAGUA G UCCAAUUG	4121	CAATTGGA GGCTAGCTACAACGA TACTTTCT	21241
5778	AACAGAAA G UCGUACGA	4122	TCGTACGA GGCTAGCTACAACGA TTTCTGTT	21242
5781	AGAAAGUC G UACGAGAC	4123	GTCTCGTA GGCTAGCTACAACGA GACTTTCT	
5793	GAGACGGA G UACCCAAA	4124	TTTGGGTA GGCTAGCTACAACGA TCCGTCTC	21244
5804	CCCAAAAU G UAAGAACG	4125	CGTTCTTA GGCTAGCTACAACGA ATTTTGGG	21245
5827	GGGACUUU G UUAUCACA	4126	TGTGATAA GGCTAGCTACAACGA AAAGTCCC	
5857	AAAUGGGG G CUAACUUC	4127	GAAGTTAG GGCTAGCTACAACGA CCCCATTT	21247
5869	ACUUCAAG G CGAGCAGG	4128	CCTGCTCG GGCTAGCTACAACGA CTTGAAGT	21248
5873	CAAGGCGA G CAGGGUGA	4129	TCACCCTG GGCTAGCTACAACGA TCGCCTTG	21249
5878	CGAGCAGG G UGAUUGAC	4130	GTCAATCA GGCTAGCTACAACGA TCGCCTTG	21250
5888	GAUUGACA G CCGGAAGA	4131	TCTTCCGG GGCTAGCTACAACGA TGTCAATC	21251
5897	CCGGAAGA G UGUGAAAC	4132	GTTTCACA GGCTAGCTACAACGA TCTTCCGG	21252
5899	GGAAGAGU G UGAAACCA	4133	TGGTTTCA GGCTAGCTACAACGA ACTCTTCC	21253
5935	AAGGGAGA G UGAUCCUG	4134	CAGGATCA GGCTAGCTACAACGA ACTCTTCC CAGGATCA GGCTAGCTACAACGA TCTCCCTT	21254
5956	AACCAUCU G CAGUGACA	4135	TGTCACTG GGCTAGCTACAACGA AGATGGTT	21255
5959	CAUCUGCA G UGACAGCA	4136	TGCTGTCA GGCTAGCTACAACGA AGATGGTT TGCTGTCA GGCTAGCTACAACGA TGCAGATG	21256
5965	CAGUGACA G CAGCUAGU	4137	ACTAGCTG GGCTAGCTACAACGA TGCAGATG	21257
5968	UGACAGCA G CUAGUGCC	4138	GGCACTAG GGCTAGCTACAACGA TGCTGTCA	21258
5972	AGCAGCUA G UGCCGCCC	4139	GGCACTAG GGCTAGCTACAACGA TGCTGTCA GGGCGGCA GGCTAGCTACAACGA TAGCTGCT	21259
	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3233	COCCOGEN GOCTAGETACARCGA TRICTIGET	21260

		1	Table VI	
5974	CAGCUAGU G CCGCCCAG	4140	CTGGGCGG GGCTAGCTACAACGA ACTAGCTG	21261
5977		4141	TCTCTGGG GGCTAGCTACAACGA GGCACTAG	21262
5987		4142	TACGTCCA GGCTAGCTACAACGA GTCTCTGG	21263
5993		4143	TACCGATA GGCTAGCTACAACGA GTCCACGT	21264
5999		4144	GATTTCTA GGCTAGCTACAACGA CGATACGT	21265
6009		4145	ACTTGCGA GGCTAGCTACAACGA GGATTTCT	21266
6012		4146	CCAACTTG GGCTAGCTACAACGA GACGGATT	21267
6016		4147	ATCACCAA GGCTAGCTACAACGA TTGCGACG	21268
6020	GCAAGUUG G UGAUGAGU	4148	ACTCATCA GGCTAGCTACAACGA CAACTTGC	21269
6027		4149	TAACAGTA GGCTAGCTACAACGA TCATCACC	21270
6032	UGAGUACU G UUAUGGGG	4150	CCCCATAA GGCTAGCTACAACGA AGTACTCA	21271
6042	UAUGGGG G. CACACGAA	4151	TTCGTGTG GGCTAGCTACAACGA CCCCCATA	21272
6070	CGAACUUC G CCCAUUGG	4152	CCAATGGG GGCTAGCTACAACGA GAAGTTCG	21273
6085	GGACUGAG G CACGAAUC	4153	GATTCGTG GGCTAGCTACAACGA CTCAGTCC	21274
6096	CGAAUCAU G CUGGACAA	4154	TTGTCCAG GGCTAGCTACAACGA ATGATTCG	21275
6130	AUCAACAU G CCAAACGG	4155	CCGTTTGG GGCTAGCTACAACGA ATGTTGAT	21276
6150	GACUGAUC G CUCAAUUC	4156	GAATTGAG GGCTAGCTACAACGA GATCAGTC	21277
6152	CAACCAGA G CGUGAGAA ACCAGAGC G UGAGAAGG	4157	TTCTCACG GGCTAGCTACAACGA TCTGGTTG	21278
6160	GUGAGAAG G UAUAUACC	4158	CCTTCTCA GGCTAGCTACAACGA GCTCTGGT	21279
6186	GAAUACCG G CUCAGAGG	4159	GGTATATA GGCTAGCTACAACGA CTTCTCAC	21280
6222	CUGGAACU G UUGAGGAC	4160	CCTCTGAG GGCTAGCTACAACGA CGGTATTC	21281
6232	UGAGGACU G CAGAUCUG	4161	GTCCTCAA GGCTAGCTACAACGA AGTTCCAG	21282
6240	GCAGAUCU G CCAGUUUG	4162	CAGATCTG GGCTAGCTACAACGA AGTCCTCA	21283
6244	AUCUGCCA G UUUGGCUG	4163	CAAACTGG GGCTAGCTACAACGA AGATCTGC	21284
6249	CCAGUUUG G CUGGCUUA	4164	CAGCCAAA GGCTAGCTACAACGA TGGCAGAT	21285
6253	UUUGGCUG G CUUACAAG	4166	TAAGCCAG GGCTAGCTACAACGA CAAACTGG	21286
6262	CUUACAAG G UUGCAGCG	4167	CTTGTAAG GGCTAGCTACAACGA CAGCCAAA	21287
6265	ACAAGGUU G CAGCGGCU	4168	CGCTGCAA GGCTAGCTACAACGA CTTGTAAG	21288
6268	AGGUUGCA G CGGCUGGA	4169	AGCCGCTG GGCTAGCTACAACGA AACCTTGT TCCAGCCG GGCTAGCTACAACGA TGCAACCT	21289
6271	UUGCAGCG G CUGGAGUG	4170	CACTCCAG GGCTAGCTACAACGA TGCAACCT	21290
6277	CGGCUGGA G UGUCAUAC	4171	GTATGACA GGCTAGCTACAACGA CGCTGCAA GTATGACA GGCTAGCTACAACGA TCCAGCCG	21291
6279	GCUGGAGU G UCAUACCA	4172	TGGTATGA GGCTAGCTACAACGA ACTCCAGC	21292
6297	GACCGGAG G UGGUGCUU	4173	AAGCACCA GGCTAGCTACAACGA CTCCGGTC	21293
6300	CGGAGGUG G UGCUUUGA	4174	TCAAAGCA GGCTAGCTACAACGA CACCTCCG	21294
6302	GAGGUGGU G CUUUGAUG	4175	CATCAAAG GGCTAGCTACAACGA ACCACCTC	21295
6311	CUUUGAUG G UCCUAGGA	4176	TCCTAGGA GGCTAGCTACAACGA CATCAAAG	21296
6349	ACAACGAA G UGGAAGUC	4177	GACTTCCA GGCTAGCTACAACGA TTCGTTGT	21298
6355	AAGUGGAA G UCAUCACG	4178	CGTGATGA GGCTAGCTACAACGA TTCCACTT	21299
6366	AUCACGAA G CUUGGUGA	4179	TCACCAAG GGCTAGCTACAACGA TTCGTGAT	21300
6371	GAAGCUUG G UGAAAGGA	4180	TCCTTTCA GGCTAGCTACAACGA CAAGCTTC	21301
6390	AUUCUGAG G CCGCGCUG	4181	CAGCGCGG GGCTAGCTACAACGA CTCAGAAT	21302
6393	CUGAGGCC G CGCUGGAU	4182	ATCCAGCG GGCTAGCTACAACGA GGCCTCAG	21303
6395	GAGGCCGC G CUGGAUUG	4183	CAATCCAG GGCTAGCTACAACGA GCGGCCTC	21304
6406	GGAUUGAC G CCAGGGUG	4184	CACCCTGG GGCTAGCTACAACGA GTCAATCC	21305
6412	ACGCCAGG G UGUACUCG	4185	CGAGTACA GGCTAGCTACAACGA CCTGGCGT	21306
6414	GCCAGGGU G UACUCGGA	4186	TCCGAGTA GGCTAGCTACAACGA ACCCTGGC	21307
6430	AUCACCAG G CACUAAAG	4187	CTTTAGTG GGCTAGCTACAACGA CTGGTGAT	21308
6439	CACUAAAG G CGUUCAAG	4188	CTTGAACG GGCTAGCTACAACGA CTTTAGTG	21309
6441	CUAAAGGC G UUCAAGGA	4189	TCCTTGAA GGCTAGCTACAACGA GCCTTTAG	21310
6454	AGGACUUC G CCUCGGGA	4190	TCCCGAGG GGCTAGCTACAACGA GAAGTCCT	21311
	GGGAAAAC G UUCUCAGA	4191	TCTGAGAA GGCTAGCTACAACGA GTTTTCCC	21312
6480 6490	CAGAUAGG G CUCAUUGA	4192	TCAATGAG GGCTAGCTACAACGA CCTATCTG	21313
6504	UCAUUGAG G UUCUGGGA	4193	TCCCAGAA GGCTAGCTACAACGA CTCAATGA	21314
6510	GGAAAGAU G CCUGAGCA AUGCCUGA G CACUUCAU	4194	TGCTCAGG GGCTAGCTACAACGA ATCTTTCC	21315
6535	CAUGGGAA G CACUUGAC	4195	ATGAAGTG GGCTAGCTACAACGA TCAGGCAT	21316
6549	GACACCAU G UACGUUGU	4196	GTCAAGTG GGCTAGCTACAACGA TTCCCATG	21317
6553	CCAUGUAC G UUGUGGCC	4197	ACAACGTA GGCTAGCTACAACGA ATGGTGTC	21318
6556	UGUACGUU G UGGCCACU	4198	GGCCACAA GGCTAGCTACAACGA GTACATGG	21319
6559	ACGUUGUG G CCACUGCA	4199	AGTGGCCA GGCTAGCTACAACGA AACGTACA	21320
6565	UGGCCACU G CAGAGAAA	4200 4201	TGCAGTGG GGCTAGCTACAACGA CACAACGT	21321
	- The state of the	-201	TTTCTCTG GGCTAGCTACAACGA AGTGGCCA	21322

			lable VI	
6583	GAGGAAGA G CUCACAGA	4202	TCTGTGAG GGCTAGCTACAACGA TCTTCCTC	21323
6595	ACAGAAUG G CCCUGGAG	4203	CTCCAGGG GGCTAGCTACAACGA CATTCTGT	21323
6609	GAGGAACU G CCAGAUGC	4204	GCATCTGG GGCTAGCTACAACGA AGTTCCTC	21324
6616	UGCCAGAU G CUCUUCAG	4205	CTGAAGAG GGCTAGCTACAACGA ATCTGGCA	21325
6631	AGACAAUU G CCUUGAUU	4206	AATCAAGG GGCTAGCTACAACGA AATTGTCT	21326
6640	CCUUGAUU G CCUUAUUG	4207		21327
6650	CUUAUUGA G UGUGAUGA		CAATAAGG GGCTAGCTACAACGA AATCAAGG	21328
6652	UAUUGAGU G UGAUGACC	4208	TCATCACA GGCTAGCTACAACGA TCAATAAG	21329
6667		4209	GGTCATCA GGCTAGCTACAACGA ACTCAATA	21330
6684	CCAUGGGA G UAUUCUUC	4210	GAAGAATA GGCTAGCTACAACGA TCCCATGG	21331
——	CUCCUCAU G CAGCGGAA	4211	TTCCGCTG GGCTAGCTACAACGA ATGAGGAG	21332
6687	CUCAUGCA G CGGAAGGG	4212	CCCTTCCG GGCTAGCTACAACGA TGCATGAG	21333
6695	GCGGAAGG G CAUUGGAA	4213	TTCCAATG GGCTAGCTACAACGA CCTTCCGC	21334
6710	AAAGAUAG G UUUGGGAG	4214	CTCCCAAA GGCTAGCTACAACGA CTATCTTT	21335
6719	UUUGGGAG G CGCUGUCU	4215	AGACAGCG GGCTAGCTACAACGA CTCCCAAA	21336
6721	UGGGAGGC G CUGUCUUG	4216	CAAGACAG GGCTAGCTACAACGA GCCTCCCA	21337
6724	GAGGCGCU G UCUUGGGA	4217	TCCCAAGA GGCTAGCTACAACGA AGCGCCTC	21338
6733	UCUUGGGA G UCGCGACC	4218	GGTCGCGA GGCTAGCTACAACGA TCCCAAGA	
6736	UGGGAGUC G CGACCUUU	4219	AAAGGTCG GGCTAGCTACAACGA GACTCCCA	21339
6749	CUUUUUCU G UUGGAUGG	4220	CCATCCAA GGCTAGCTACAACGA AGAAAAAG	21340
6757	GUUGGAUG G CUGAAGUU	4221	AACTTCAG GGCTAGCTACAACGA CATCCAAC	21341
6763	UGGCUGAA G UUCCAGGA	4222	TCCTGGAA GGCTAGCTACAACGA CATCCAAC TCCTGGAA GGCTAGCTACAACGA TTCAGCCA	21342
6781	CGAAGAUC G CCGGAAUG	4223		21343
6789	GCCGGAAU G UUGCUGCU	4224	CATTCCGG GGCTAGCTACAACGA GATCTTCG	21344
6792	GGAAUGUU G CUGCUCUC	+	AGCAGCAA GGCTAGCTACAACGA ATTCCGGC	21345
6795		4225	GAGAGCAG GGCTAGCTACAACGA AACATTCC	21346
6817	AUGUUGCU G CUCUCCCU	4226	AGGGAGAG GGCTAGCTACAACGA AGCAACAT	21347
	UGAUGAUU G UGCUAAUU	4227	AATTAGCA GGCTAGCTACAACGA AATCATCA	21348
6819	AUGAUUGU G CUAAUUCC	4228	GGAATTAG GGCTAGCTACAACGA ACAATCAT	21349
6831	AUUCCUGA G CCAGAGAA	4229	TTCTCTGG GGCTAGCTACAACGA TCAGGAAT	21350
6840	CCAGAGAA G CAACGUUC	4230	GAACGTTG GGCTAGCTACAACGA TTCTCTGG	21351
6845	GAAGCAAC G UUCGCAGA	4231	TCTGCGAA GGCTAGCTACAACGA GTTGCTTC	21352
6849	CAACGUUC G CAGACAGA	4232	TCTGTCTG GGCTAGCTACAACGA GAACGTTG	21353
6864	GACAACCA G CUAGCCGU	4233	ACGGCTAG GGCTAGCTACAACGA TGGTTGTC	21354
6868	ACCAGCUA G CCGUGUUC	4234	GAACACGG GGCTAGCTACAACGA TAGCTGGT	
6871	AGCUAGCC G UGUUCCUG	4235	CAGGAACA GGCTAGCTACAACGA GGCTAGCT	21355
6873	CUAGCCGU G UUCCUGAU	4236	ATCAGGAA GGCTAGCTACAACGA ACGGCTAG	21356
6884	CCUGAUUU G UGUCAUGA	4237	TCATGACA GGCTAGCTACAACGA AAATCAGG	21357
6886	UGAUUUGU G UCAUGACC	4238	GGTCATGA GGCTAGCTACAACGA ACAAATCA	21358
6898	UGACCCUU G UGAGCGCA	4239	TGCGCTCA GGCTAGCTACAACGA ACAATCA	21359
6902	CCUUGUGA G CGCAGUGG	4240		21360
6904	UUGUGAGC G CAGUGGCA	4241	CCACTGCG GGCTAGCTACAACGA TCACAAGG	21361
6907	UGAGCGCA G UGGCAGCC	4242	TGCCACTG GGCTAGCTACAACGA GCTCACAA	21362
6910	GCGCAGUG G CAGCCAAC		GGCTGCCA GGCTAGCTACAACGA TGCGCTCA	21363
6913	CAGUGGCA G CCAACGAG	4243	GTTGGCTG GGCTAGCTACAACGA CACTGCGC	21364
6926	CGAGAUGG G UUGGCUAG	4244	CTCGTTGG GGCTAGCTACAACGA TGCCACTG	21365
6930		4245	CTAGCCAA GGCTAGCTACAACGA CCATCTCG	21366
6947	AUGGGUUG G CUAGAUAA	4246	TTATCTAG GGCTAGCTACAACGA CAACCCAT	21367
6956	GACCAAGA G UGACAUAA	4247	TTATGTCA GGCTAGCTACAACGA TCTTGGTC	21368
	UGACAUAA G CAGUUUGU	4248	ACAAACTG GGCTAGCTACAACGA TTATGTCA	21369
6959	CAUAAGCA G UUUGUUUG	4249	CAAACAAA GGCTAGCTACAACGA TGCTTATG	21370
6963	AGCAGUUU G UUUGGGCA	4250	TGCCCAAA GGCTAGCTACAACGA AAACTGCT	21371
6969	UUGUUUGG G CAAAGAAU	4251	ATTCTTTG GGCTAGCTACAACGA CCAAACAA	21372
6982	GAAUUGAG G UCAAGGAG	4252	CTCCTTGA GGCTAGCTACAACGA CTCAATTC	21373
6998	GAAUUUCA G CAUGGGAG	4253	CTCCCATG GGCTAGCTACAACGA TGAAATTC	+
7008	AUGGGAGA G UUUCUUUU	4254	AAAAGAAA GGCTAGCTACAACGA TCTCCCAT	21374
7026	GACUUGAG G CCGGCAAC	4255	GTTGCCGG GGCTAGCTACAACGA CTCAAGTC	21375
7030	UGAGGCCG G CAACAGCC	4256	GGCTGTTG GGCTAGCTACAACGA CGGCCTCA	21376
7036	CGGCAACA G CCUGGUCA	4257	TGACCAGG GGCTAGCTACAACGA TGTTGCCG	21377
7041	ACAGCCUG G UCACUGUA	4258		21378
7047	UGGUCACU G UACGCUGU	4259	TACAGTGA GGCTAGCTACAACGA CAGGCTGT	21379
7051	CACUGUAC G CUGUGACA		ACAGCGTA GGCTACCTACAACGA AGTGACCA	21380
7054	UGUACGCU G UGACAACA	4260	TGTCACAG GGCTAGCTACAACGA GTACAGTG	21381
		4261	TGTTGTCA GGCTAGCTACAACGA AGCGTACA	21382
7063	UGACAACA G CEGUCOTTO	42.62	61.001	21302
7063 7066	UGACAACA G CGGUCCUC CAACAGCG G UCCUCACU	4262 4263	GAGGACCG GGCTAGCTACAACGA TGTTGTCA AGTGAGGA GGCTAGCTACAACGA CGCTGTTG	21383

		1	able VI	
7080	ACUCCACU G CUAAAGCA	4264	TGCTTTAG GGCTAGCTACAACGA AGTGGAGT	21385
7086	CUGCUAAA G CAUUUGAU	4265	ATCAAATG GGCTAGCTACAACGA TTTAGCAG	21386
7098	UUGAUCAC G UCAGAUUA	4266	TAATCTGA GGCTAGCTACAACGA GTGATCAA	21387
7135	CAAUAAAC G UUCAGGCA	4267	TGCCTGAA GGCTAGCTACAACGA GTTTATTG	21388
7141	ACGUUCAG G CAAGUGCA	4268	TGCACTTG GGCTAGCTACAACGA CTGAACGT	21389
7145	UCAGGCAA G UGCACUAU	4269	ATAGTGCA GGCTAGCTACAACGA TTGCCTGA	21390
7147	AGGCAAGU G CACUAUUC	4270	GAATAGTG GGCTAGCTACAACGA ACTTGCCT	21391
7162	UCACACUC G CGCGAGGC	4271	GCCTCGCG GGCTAGCTACAACGA GAGTGTGA	21392
7164	ACACUCGC G CGAGGCUU	4272	AAGCCTCG GGCTAGCTACAACGA GCGAGTGT	21393
7169	CGCGCGAG G CUUCCCCU	4273	AGGGGAAG GGCTAGCTACAACGA CTCGCGCG	21394
7180	UCCCCUUC G UCGAUGUU	4274	AACATCGA GGCTAGCTACAACGA GAAGGGGA	21395
7186	UCGUCGAU G UUGGAGUG	4275	CACTCCAA GGCTAGCTACAACGA ATCGACGA	21396
7192	AUGUUGGA G UGUCGGCU	4276	AGCCGACA GGCTAGCTACAACGA TCCAACAT	21397
7194	GUUGGAGU G UCGGCUCU	4277	AGAGCCGA GGCTAGCTACAACGA ACTCCAAC	21398
7198	GAGUGUCG G CUCUCCUG	4278	CAGGAGAG GGCTAGCTACAACGA CGACACTC	+
7206	GCUCUCCU G CUAGCAGC	4279	GCTGCTAG GGCTAGCTACAACGA AGGAGAGC	21399
7210	UCCUGCUA G CAGCCGGA	4280	TCCGGCTG GGCTAGCTACAACGA TAGCAGGA	21400
7213	UGCUAGCA G CCGGAUGC	4281	GCATCCGG GGCTAGCTACAACGA TGCTAGCA	21401
7220	AGCCGGAU G CUGGGGAC	4282	GTCCCCAG GGCTAGCTACAACGA ATCCGGCT	21402
7231	GGGGACAA G UCACCCUC	4283	GAGGGTGA GGCTAGCTACAACGA TTGTCCCC	21403
7243	CCCUCACC G UUACGGUA	4284	TACCGTAA GGCTAGCTACAACGA TTGTCCCC	21404
7249	CCGUUACG G UAACAGCG	4285		21405
7255	CGGUAACA G CGGCAACA	4286	CGCTGTTA GGCTAGCTACAACGA CGTAACGG	21406
7258	UAACAGCG G CAACACUC	4287	TGTTGCCG GGCTAGCTACAACGA TGTTACCG	21407
7274	CCUUUUUU G CCACUAUG	4288	GAGTGTTG GGCTAGCTACAACGA CGCTGTTA	21408
7282	GCCACUAU G CCUACAUG	4289	CATAGTGG GGCTAGCTACAACGA AAAAAAGG	21409
7291	CCUACAUG G UUCCCGGU	4290	CATGTAGG GGCTAGCTACAACGA ATAGTGGC	21410
7298	GGUUCCCG G UUGGCAAG		ACCGGGAA GGCTAGCTACAACGA CATGTAGG	21411
7302	CCCGGUUG G CAAGCUGA	4291	CTTGCCAA GGCTAGCTACAACGA CGGGAACC	21412
7306	GUUGGCAA G CUGAGGCA	4292	TCAGCTTG GGCTAGCTACAACGA CAACCGGG	21413
7312	AAGCUGAG G CAAUGCGC	4293	TGCCTCAG GGCTAGCTACAACGA TTGCCAAC	21414
7317	GAGGCAAU G CGCUCAGC	4294	GCGCATTG GGCTAGCTACAACGA CTCAGCTT	21415
7319	GGCAAUGC G CUCAGCCC	4295	GCTGAGCG GGCTAGCTACAACGA ATTGCCTC	21416
7324	UGCGCUCA G CCCAGCGG	4296	GGGCTGAG GGCTAGCTACAACGA GCATTGCC	21417
7329	UCAGCCCA G CGGCGGAC	4297	CCGCTGGG GGCTAGCTACAACGA TGAGCGCA	21418
7332	GCCCAGCG G CGGACAGC	4298	GTCCGCCG GGCTAGCTACAACGA TGGGCTGA	21419
7339	GGCGGACA G CGGCCGGA	4299	GCTGTCCG GGCTAGCTACAACGA CGCTGGGC	21420
7342	GGACAGCG G CCGGAAUC	4300	TCCGGCCG GGCTAGCTACAACGA TGTCCGCC	21421
7360		4301	GATTCCGG GGCTAGCTACAACGA CGCTGTCC	21422
7363	UGAAGAAC G CUGUAGUG AGAACGCU G UAGUGGAU	4302	CACTACAG GGCTAGCTACAACGA GTTCTTCA	21423
7366	<u> </u>	4303	ATCCACTA GGCTAGCTACAACGA AGCGTTCT	21424
7373	ACGCUGUA G UGGAUGGC	4304	GCCATCCA GGCTAGCTACAACGA TACAGCGT	21425
7378	AGUGGAUG G CAUCGUGG	4305	CCACGATG GGCTAGCTACAACGA CATCCACT	21426
7381	GCAUCGUG G CCACGGAC	4306	CGTGGCCA GGCTAGCTACAACGA GATGCCAT	21427
7390	CCACGGAC G UCCCAGAA	4307	GTCCGTGG GGCTAGCTACAACGA CACGATGC	21428
7404		4308	TTCTGGGA GGCTAGCTACAACGA GTCCGTGG	21429
7404	GAAUUAGA G CGCACCAC	4309	GTGGTGCG GGCTAGCTACAACGA TCTAATTC	21430
7422	AUUAGAGC G CACCACAC	4310	GTGTGGTG GGCTAGCTACAACGA GCTCTAAT	21431
7432	CCCAUCAU G CAGAAGAA	4311	TTCTTCTG GGCTAGCTACAACGA ATGATGGG	21432
	AGAAGAAA G UUGGACAG	4312	CTGTCCAA GGCTAGCTACAACGA TTTCTTCT	21433
7446	CAGAUCAU G CUGAUCUU	4313	AAGATCAG GGCTAGCTACAACGA ATGATCTG	21434
7456 7458	UGAUCUUG G UGUCUCUA	4314	TAGAGACA GGCTAGCTACAACGA CAAGATCA	21435
	AUCUUGGU G UCUCUAGC	4315	GCTAGAGA GGCTAGCTACAACGA ACCAAGAT	21436
7465	UGUCUCUA G CUGCAGUA	4316	TACTGCAG GGCTAGCTACAACGA TAGAGACA	21437
7468	CUCUAGCU G CAGUAGUA	4317	TACTACTG GGCTAGCTACAACGA AGCTAGAG	21438
7471	UAGCUGCA G UAGUAGUG	4318	CACTACTA GGCTAGCTACAACGA TGCAGCTA	21439
7474	CUGCAGUA G UAGUGAAC	4319	GTTCACTA GGCTAGCTACAACGA TACTGCAG	21440
7477	CAGUAGUA G UGAACCCG	4320	CGGGTTCA GGCTAGCTACAACGA TACTACTG	21441
7485	GUGAACCC G UCUGUGAA	4321	TTCACAGA GGCTAGCTACAACGA GGGTTCAC	21442
7489	ACCCGUCU G UGAAGACA	4322	TGTCTTCA GGCTAGCTACAACGA AGACGGGT	21443
7498	UGAAGACA G UACGAGAA	4323	TTCTCGTA GGCTAGCTACAACGA TGTCTTCA	21444
7507	UACGAGAA G CCGGAAUU	4324	AATTCCGG GGCTAGCTACAACGA TTCTCGTA	21445
7525	UGAUCACG G CCGCAGCG	4325	CGCTGCGG GGCTAGCTACAACGA CGTGATCA	21446

		10	able VI	
7528	UCACGGCC G CAGCGGUG	4326	CACCGCTG GGCTAGCTACAACGA GGCCGTGA	21447
7531	CGGCCGCA G CGGUGACG	4327	CGTCACCG GGCTAGCTACAACGA TGCGGCCG	21448
7534	CCGCAGCG G UGACGCUU	4328	AAGCGTCA GGCTAGCTACAACGA CGCTGCGG	21449
7539	GCGGUGAC G CUUUGGGA	4329	TCCCAAAG GGCTAGCTACAACGA GTCACCGC	21450
	AGAAUGGA G CAAGCUCU	4330	AGAGCTTG GGCTAGCTACAACGA TCCATTCT	21451
7555				
7559	UGGAGCAA G CUCUGUUU	4331	AAACAGAG GGCTAGCTACAACGA TTGCTCCA	21452
7564	CAAGCUCU G UUUGGAAC	4332	GTTCCAAA GGCTAGCTACAACGA AGAGCTTG	21453
7573	UUUGGAAC G CAACAACU	4333	AGTTGTTG GGCTAGCTACAACGA GTTCCAAA	21454
7582	CAACAACU G CCAUCGGA	4334	TCCGATGG GGCTAGCTACAACGA AGTTGTTG	21455
7595	CGGACUCU G CCACAUCA	4335	TGATGTGG GGCTAGCTACAACGA AGAGTCCG	21456
7605	CACAUCAU G CGUGGGGG	4336	CCCCCACG GGCTAGCTACAACGA ATGATGTG	21457
7607	CAUCAUGC G UGGGGGUU	4337	AACCCCCA GGCTAGCTACAACGA GCATGATG	21458
7613	GCGUGGGG G UUGGUUGU	4338	ACAACCAA GGCTAGCTACAACGA CCCCACGC	21459
7617	GGGGGUUG G UUGUCAUG	4339	CATGACAA GGCTAGCTACAACGA CAACCCCC	21460
7620	GGUUGGUU G UCAUGUCU	4340	AGACATGA GGCTAGCTACAACGA AACCAACC	21461
7625	GUUGUCAU G UCUAUCCA	4341	TGGATAGA GGCTAGCTACAACGA ATGACAAC	21462
7682	AAAAAGAG G UGGGGCAA	4342	TTGCCCCA GGCTAGCTACAACGA CTCTTTTT	21463
7687	GAGGUGGG G CAAAAGGA	4343	TCCTTTG GGCTAGCTACAACGA CCCACCTC	21464
7697	AAAAGGAC G CACCUUGG	4344	CCAAGGTG GGCTAGCTACAACGA GTCCTTTT	21465
7711	UGGGAGAG G UUUGGAAA	4345	TTTCCAAA GGCTAGCTACAACGA CTCTCCCA	21465
7749	AAAGAAGA G UUCACUAG	4346	CTAGTGAA GGCTAGCTACAACGA TCTTCTTT	21467
7758	UUCACUAG G UACCGCAA	4347	TTGCGGTA GGCTAGCTACAACGA CTAGTGAA	21468
7763	UAGGUACC G CAAAGAGG	4348	CCTCTTG GGCTAGCTACAACGA GGTACCTA	21469
7771	GCAAAGAG G CCAUCAUC	4349	GATGATGG GGCTAGCTACAACGA CTCTTTGC	21470
7783	UCAUCGAA G UCGAUCGC	4350	GCGATCGA GGCTAGCTACAACGA TTCGATGA	21471
7790	AGUCGAUC G CUCAGCGG	4351	CCGCTGAG GGCTAGCTACAACGA GATCGACT	21472
7795	AUCGCUCA G CGGCAAAA	4352	TTTTGCCG GGCTAGCTACAACGA TGAGCGAT	21473
7798	GCUCAGCG G CAAAACAC	4353	GTGTTTTG GGCTAGCTACAACGA CGCTGAGC	21474
7807	CAAAACAC G CCAGGAAA	4354	TTTCCTGG GGCTAGCTACAACGA GTGTTTTG	21475
7820	GAAAGAAG G CAAUGUCA	4355	TGACATTG GGCTAGCTACAACGA CTTCTTTC	21476
7825	AAGGCAAU G UCACUGGA	4356	TCCAGTGA GGCTAGCTACAACGA ATTGCCTT	21477
7836	ACUGGAGG G CAUCCAGU	4357	ACTGGATG GGCTAGCTACAACGA CCTCCAGT	21478
7843	GGCAUCCA G UCUCUAGG	4358	CCTAGAGA GGCTAGCTACAACGA TGGATGCC	21479
7853	CUCUAGGG G CACAGCAA	4359	TTGCTGTG GGCTAGCTACAACGA CCCTAGAG	21480
7858	GGGCACA G CAAAACUG	4360	CAGTTTTG GGCTAGCTACAACGA TGTGCCCC	
				21481
7872	CUGAGAUG G CUGGUCGA	4361	TCGACCAG GGCTAGCTACAACGA CATCTCAG	21482
7876	GAUGGCUG G UCGAACGG	4362	CCGTTCGA GGCTAGCTACAACGA CAGCCATC	21483
7887	GAACGGAG G UUUCUCGA	4363	TCGAGAAA GGCTAGCTACAACGA CTCCGTTC	21484
7900	UCGAACCG G UCGGAAAA	4364	TTTTCCGA GGCTAGCTACAACGA CGGTTCGA	21485
7909	UCGGAAAA G UGAUUGAC	4365	GTCAATCA GGCTAGCTACAACGA TTTTCCGA	21486
7925	CCUUGGAU G UGGAAGAG	4366	CTCTTCCA GGCTAGCTACAACGA ATCCAAGG	21487
7934	UGGAAGAG G CGGUUGGU	4367	ACCAACCG GGCTAGCTACAACGA CTCTTCCA	21488
7937	AAGAGGCG G UUGGUGUU	4368	AACACCAA GGCTAGCTACAACGA CGCCTCTT	21489
7941	GGCGGUUG G UGUUACUA	4369	TAGTAACA GGCTAGCTACAACGA CAACCGCC	21490
7943	CGGUUGGU G UUACUAUA	4370	TATAGTAA GGCTAGCTACAACGA ACCAACCG	21491
7954	ACUAUAUG G CAACCCAA	4371	TTGGGTTG GGCTAGCTACAACGA CATATAGT	21492
7969	AAAAAAGA G UCCAAGAA	4372	TTCTTGGA GGCTAGCTACAACGA TCTTTTTT	21493
7978	UCCAAGAA G UCAGAGGG	4373	CCCTCTGA GGCTAGCTACAACGA TTCTTGGA	21494
7986	GUCAGAGG G UACACAAA	4374	TTTGTGTA GGCTAGCTACAACGA CCTCTGAC	21495
7997	CACAAAGG G CGGUCCCG	4375	CGGGACCG GGCTAGCTACAACGA CCTTTGTG	
8000	AAAGGCG G UCCCGGAC			21496
8016		4376	GTCCGGGA GGCTAGCTACAACGA CGCCCTTT	21497
	CAUGAAGA G CCCCAACU	4377	AGTTGGGG GGCTAGCTACAACGA TCTTCATG	21498
8026	CCCAACUA G UGCAAAGU	4378	ACTTTGCA GGCTAGCTACAACGA TAGTTGGG	21499
8028	CAACUAGU G CAAAGUUA	4379	TAACTTIG GGCTAGCTACAACGA ACTAGTTG	21500
8033	AGUGCAAA G UUAUGGAU	4380	ATCCATAA GGCTAGCTACAACGA TTTGCACT	21501
8050	GGAACAUU G UCACCAUG	4381	CATGGTGA GGCTAGCTACAACGA AATGTTCC	21502
8063	CAUGAAGA G UGGAGUGG	4382	CCACTCCA GGCTAGCTACAACGA TCTTCATG	21503
8068	AGAGUGGA G UGGAUGUG	4383	CACATCCA GGCTAGCTACAACGA TCCACTCT	21504
8074	GAGUGGAU G UGUUCUAC	4384	GTAGAACA GGCTAGCTACAACGA ATCCACTC	21505
8076	GUGGAUGU G UUCUACAG	4385	CTGTAGAA GGCTAGCTACAACGA ACATCCAC	21506
8094	CCUUCUGA G UGUUGUGA	4386	TCACAACA GGCTAGCTACAACGA TCAGAAGG	21507
8096	UUCUGAGU G UUGUGACA	4387	TGTCACAA GGCTAGCTACAACGA ACTCAGAA	21508
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			Table VI	
809		4388	GGGTGTCA GGCTAGCTACAACGA AACACTCA	127500
811		4389	CGATGTCA GGCTAGCTACAACGA AAAGGAGG	21509
812		4390	GACGAGGA GGCTAGCTACAACGA TCTCCGAT	21510
813		4391	GCACTTGA GGCTAGCTACAACGA GAGGACTC	21511
813		4392	CCTCAGCA GGCTAGCTACAACGA TTGACGAG	21512
814		4393	AACCTCAG GGCTAGCTACAACGA ACTTGACG	21513
814		4394	CTCTTCAA GGCTAGCTACAACGA CTCAGCAC	21514
815		4395	GTCCTATG GGCTAGCTACAACGA TCTTCAAC	21515
817		4396	TTCAAGGA GGCTAGCTACAACGA CCGAATCG	21516
818:		4397	GTCCTCAA GGCTAGCTACAACGA CATTTCAA	21517
819:	The state of the s	4398	CGGTGCAG GGCTAGCTACAACGA CAGTCCTC	21518
8196		4399	CCTCGGTG GGCTAGCTACAACGA AGCCAGTC	21519
820	THE PROPERTY OF CHARGOON	4400	TCCCTTGG GGCTAGCTACAACGA CCTCGGTG	21520
8219		4401	CCTTCACG GGCTAGCTACAACGA AAAATTCC	21521
8221	The state of the s	4402	CACCTTCA GGCTAGCTACAACGA GCAAAATT	21522
8227		4403	GCAGAGCA GGCTAGCTACAACGA CTTCACGC	21523
8229		4404	GGGCAGAG GGCTAGCTACAACGA ACCTTCAC	21524
8234	TOTOGO O CCCCOACA	4405	TGTAGGGG GGCTAGCTACAACGA AGAGCACC	21525
8244		4406	ACTITCGG GGCTAGCTACAACGA ATGTAGGG	21526
8251	TOTOGRADIO O GUNDAGAG	4407	CTCTATGA GGCTAGCTACAACGA TTTCGGCA	21527
8268	T TOURS OF COURCE	4408	TGGAGCAG GGCTAGCTACAACGA TCCATCTT	21528
8271	THE STATE OF COCCASICO	4409	CGTTGGAG GGCTAGCTACAACGA AGCTCCAT	21529
8279	TOTOGRAPH C CCGGOROG	4410	CATACCGG GGCTAGCTACAACGA GTTGGAGC	21530
8283		4411	CCCCCATA GGCTAGCTACAACGA CGGCGTTG	21531
8299	- TOURIST O DURIGHAMC	4412	GTTTCTGA GGCTAGCTACAACGA CAGTCCCC	21532
8328	CACCAGAO	4413	ATCTCGTG GGCTAGCTACAACGA GTGGAATT	21533
8337		4414	ACCCAATA GGCTAGCTACAACGA ATCTCGTG	21534
8344		4415	TCGACTCA GGCTAGCTACAACGA CCAATACA	21535
8348		4416	AAGCTCGA GGCTAGCTACAACGA TCACCCAA	21536
8353	UGAGUCGA G CUUCAGGC	4417	GCCTGAAG GGCTAGCTACAACGA TCGACTCA	21537
8360		4418	CCACATTG GGCTAGCTACAACGA CTGAAGCT	21538
8365	CAGGCAAU G UGGUACAU	4419	ATGTACCA GGCTAGCTACAACGA ATTGCCTG	21539
8368	GCAAUGUG G UACAUUCA	4420	TGAATGTA GGCTAGCTACAACGA CACATTGC	21540
8377	UACAUUCA G UGAAUAUG	4421	CATATTCA GGCTAGCTACAACGA TGAATGTA	21541
8390	UAUGACCA G CCAGGUGC	4422	GCACCTGG GGCTAGCTACAACGA TGGTCATA	21542
8395	CCAGCCAG G UGCUCCUA	4423	TAGGAGCA GGCTAGCTACAACGA CTGGCTGG	21543
8397	AGCCAGGU G CUCCUAGG	4424	CCTAGGAG GGCTAGCTACAACGA ACCTGGCT	21544
8452	AGGAAGAU G UAAACUUG	4425	CAAGTTTA GGCTAGCTACAACGA ATCTTCCT	21545
8465	CUUGGGAA G UGGAACCA	4426	TGGTTCCA GGCTAGCTACAACGA TTCCCAAG	21546
8476	GAACCAGG G CGGUGGGA	4427	TCCCACCG GGCTAGCTACAACGA CCTGGTTC	21547
8479	CCAGGGCG G UGGGAAAA	4428	TTTTCCCA GGCTAGCTACAACGA CGCCCTGG	21548
8493	AAACCCCU G CUCAACUC	4429	GAGTTGAG GGCTAGCTACAACGA AGGGGTTT	21549
8510	AGACACCA G UAAAAUCA	4430	TGATTTTA GGCTAGCTACAACGA TGGTGTCT	21550
8541 8543	CGACUCAG G CGUGAGUA	4431	TACTCACG GGCTAGCTACAACGA CTGAGTCG	21551
8547	ACUCAGGC G UGAGUACA	4432	TGTACTCA GGCTAGCTACAACGA GCCTGAGT	21552
8552	AGGCGUGA G UACAGUUC	4433	GAACTGTA GGCTAGCTACAACGA TCACGCCT	21553
8559	UGAGUACA G UUCGACGU	4434	ACGTCGAA GGCTAGCTACAACGA TGTACTCA	21554
8562:	AGUUCGAC G UGGCACCA	4435	TGGTGCCA GGCTAGCTACAACGA GTCGAACT	21555
8606	UCGACGUG G CACCACGA	4436	TCGTGGTG GGCTAGCTACAACGA CACGTCGA	21556
8609	CUAUCACG G CAGUUAUG	4437	CATAACTG GGCTAGCTACAACGA CGTGATAG	21557
8617	UCACGGCA G UUAUGAUG	4438	CATCATAA GGCTAGCTACAACGA TGCCGTGA	21558
8622	GUUAUGAU G UGAAGCCC	4439	GGGCTTCA GGCTAGCTACAACGA ATCATAAC	21559
	GAUGUGAA G CCCACAGG	4440	CCTGTGGG GGCTAGCTACAACGA TTCACATC	21560
8630	GCCCACAG G CUCCGCCA	4441	TGGCGGAG GGCTAGCTACAACGA CTGTGGGC	21561
8635	CAGGCUCC G CCAGUUCG	4442	CGAACTGG GGCTAGCTACAACGA GGAGCCTG	21562
8639	CUCCGCCA G UUCGCUGG	4443	CCAGCGAA GGCTAGCTACAACGA TGGCGGAG	21563
8643	GCCAGUUC G CUGGUCAA	4444	TTGACCAG GGCTAGCTACAACGA GAACTGGC	21564
8647	GUUCGCUG G UCAAUGGA	4445	TCCATTGA GGCTAGCTACAACGA CAGCGAAC	21565
8656	UCAAUGGA G UGGUCAGG	4446	CCTGACCA GGCTAGCTACAACGA TCCATTGA	21566
8659	AUGGAGUG G UCAGGCUC	4447	GAGCCTGA GGCTAGCTACAACGA CACTCCAT	21567
8664	GUGGUCAG G CUCCUCUC	4448	GAGAGGAG GGCTAGCTACAACGA CTGACCAC	21568
3638	UCACGAAU G UUACCACC	4449	GGTGGTAA GGCTAGCTACAACGA ATTCGTGA	21569
			THE PARTY OF THE P	21570

9710 CCACCUJO G CANGAGO 4451 COCTOTTO GOTTACTACA CATAGOTO 21571 8739 UUCOGOCA G CAGCAGO 4451 COCTOTTO GOTTACTACA CATAGOTO 17572 8739 UUCOGOCA G CAGCAGOT 4452 ACTOCTTO GOTTACTACACACA CCATAGOT 8746 AGCAGCA G UGUUCAAA 4452 ACTOCTTO GOTTACTACACACA TOTTOCCO 17574 8746 AGCAGCA G UGUUCAAA 4455 TTOTTACA GOCTACTACACACA TOTTOCCO 17574 8746 AGCAGCA G UGUUCAAA 4455 TTOTTACA GOCTACTACACACA TOTTOCCO 17574 8746 AGCAGCA G UGUUCAAA 4455 TTOTTACA GOCTACTACACACA TOTTOCCO 17574 8746 AGCAGCA G UGUUCAAA 4455 TTOTTACA GOCTACTACACACA TOTTOCCO 17574 8746 CACCAGAG G UGUUCAAA 4455 CTOTTACA GOCTACTACACACA TOTTOCCO 17574 8746 CACCAGAG G UGUUCAAA 4455 CTOTTACA GOCTACTACACACA TOTTOCCO 17574 8754 COUTAACC G COGAGAGO 4455 CTOTTACA GOCTACTACACACA TOTTOCTO 17574 8794 CACCAGAA G UGUCAAA 4455 CTOTTACA GOCTACTACACACA TOTTOCTO 17576 8799 GAGACGA G UGAACAC 4455 CTOTTACA GOCTACTACACACA TOTTOCTO 17576 8799 GAGACGA G UGAACAC 4455 CTACTTACA GOCTACTACACACA TOTTOCTO 17576 8799 GAGACGA G UGAACAC 4455 CTACTTACA GOCTACTACACACA TOTTOCTO 17576 8799 GAGACGA G UGACACAC 4455 CTACTTACA GOCTACTACACACA TOTTOCTO 17576 8799 GAGACGA G UGACACAC 4455 CTACTTACA GOCTACTACACACA TOTTOCTO 17576 8799 GAGACGA G UGACACAC 4455 CTACTTACA GOCTACTACACACA GACTACTACACACA 17577 8799 GAGACGA G UGACACAC 4455 CTACTTACA GOCTACTACACACA GACTACTACACACA 17577 8799 GAGACGA G UGACACAC 4456 CACCACACAC 4		·		Table VI	
1973 CCCUUCOGO G CACCAGOG 4451 CCCTCCTG GICTACCTACAACO CCCAAGOG 21572 1972 GGGCACCA C CCAAGOGG 4452 ACTACTCG GICTACCTACAACO TCCTCCCCA 21574 1974 GGGCACCA C CCAAGOGG 4453 ATCACTCG GICTACCTACAACOR TCCTCCCC 21574 1974 ACCACAGOGG C COMBURAN 4454 TTTTACAC GICCTACCTACAACOR TCCTCCCC 21574 1974 ACCACAGOGG C UUCAAAGA 4455 TTTTTACAC GICCTACCTACAACOR TCCTCCCC 21574 1974 ACCACAGOGG C UUCAAAGA 4455 TTTTTACAC GICCTACCTACAACOR TCCTCCTC 21576 1973 ACCACAGAG C UUCAAAGA 4455 CCTTCTCCA GICCTACCTACAACOR ACTTCCTCT 21577 1973 ACCACAGAG C UUCAAAGA 4457 TTCAGGGG GICTACCTACAACOR TCTCCTCT 21577 ACCACAGAG UCACAGOGGC 4459 CCTTCTCG GICCTACCTACAACOR TCTCTCTC 21578 1974 CCCGAACOR UCACAGOGGC 4459 CCTTCTCG GICCTACCTACAACOR TCTCTCTC 21579 1974 CCCGAACOR UCACAGOGGC 4459 CTTCTTCG GICTACCTACAACOR TCTCTCTC 21579 1979 GCAGAUUAA UACAGOGGC 4459 CTTCTTCG GICTACCTACAACOR TCTCTCTC 21581 1979 GCAGAUUAA UACAGOGGC 4450 ACCACACUG UCUCAAACA 4461 ATTCACCA GCCTCACTCACACOR TCTCTCTC 21581 1982 ACCACACUG UUCUGGGC 4463 GCCCACAA GCCTCACTCACACOR TCTCTCC 21581 1982 ACCACACUG UUCUGGGC 4463 GCCCACAA GCCTCACTCACACOR ACCTCTCC 21581 1982 ACCACACUG UUCUGGGC 4465 GCCCACAA ACCTCCC GCCTCACTCACACOR ACCTCCC 4465 GCCCACAA ACCTCCC GCCTCACTCACACOR ACCTCCCC 4465 GCCCACAA ACCTCCC 4465 GCCCACAA ACCTCCCCC 4465 GCCCACAA ACCTCCC 4465 GCCCACAA ACCTCCCCC 4465 GCCCACAA 4467 GCCCCCCC 4465 GCCCACAA 4467 GCCCA	8710	CCACCAUG G CCAUGACU	4450	AGTCATGG GGCTAGCTACAACGA CATGGTGG	2256
1979 UUCUGGCA & CAGCANGUU 4452 ACTOSCTS GETAGCTRACAGCAN TOCCOUNA 21571 19746 AGCANCOA & CUUUUCAAA 4454 TITGAACA GECTAGCTRACAGCAN TOCCOCCA 21575 19746 AGCANGOA & UUUUCAAAA 4454 TITGAACA GECTAGCTRACAGCAN TOCTOSCT 21575 19746 AGCANGOA & UUUUCAAAAA 4455 TOTTGAA GECTAGCTRACAACAA TOCTOSCT 21575 19746 CAGCANGA & UUUUCAAAAA 4455 TOTTGAA GECTAGCTRACAACAA CATOSCTO 21577 19747	8736	CCCUUCGG G CAGCAGCG	4451		
8746 GGGCAGGA G CURUICANA 4453 TITTIANAA GGCTAGCTACAAGA TICGTGCCC 71577 8748 CAGCCAGU G UUCAAAGA 4455 TITTIANAA GGCTAGCTACAAGA ACTGCTGC 71576 71576 71576 71576 71574 71	8739	UUCGGGCA G CAGCGAGU	4452	ACTCGCTG GGCTAGCTACAACGA TGCCCGAA	
1974 AGCARCIA G UGUUCAAA 4455 TITURACA GICTAGCTACACGA TOCCTICCT 11575 1876 AGCOGAGU G UUCAAAGA 4455 COTOTICCA GICTAGCTACACGA ACTOCCTG 11576 18773 ACACGAAA G UCCUGUAA 4457 TITURGGAG GICTAGCTACACGA CITTCTTT 21577 18784 CCUGAACC G CCAGAAGG 4457 TITURGGAG GICTAGCTACACGA GITTCTGTG 21578 18794 CAGAAGGA G UCCUGUAA 4459 GTACTTCA GICTAGCTACACGA GITTCAGCG 21579 18794 CAGAAGGA G UGAAGUAC 4459 GTACTTCA GICTAGCTACACGA GITTCAGCG 21587 18799 GGAUGUAA G UACSUUCU 4460 ACCACTTA GICTAGCTACACGA GITTCATCC 21581 18809 UGAAGUAC G UCCAUL 4461 ATTORACA GICTAGCTACACGA GITCATCTC 21581 18809 UGAAGUAC G UCCAUL 4461 ATTORACA GICTAGCTACACGA GITCATCTC 21581 18809 UGAAGUAC G UUCAAUCA 4462 TOTOTICAG GICTAGCTACACGA CACTACTT 21583 18826 ACCACACUG G UUGUGGGC 4465 GCCCACAA GICTAGCTACACGA CACTACTT 21583 18826 ACCACACUG G UUGUGGGC 4465 GCCCACAA GICTAGCTACACGA CACTACTT 21583 18827 GUURUUG G UGGCGUU 4464 ACCCCCA GICTAGCTACACGA CACTACTT 21583 18828 ACCURUA G UGCCCAL 4465 GCCCACAA GICTAGCTACACGA CACTACTT 21583 18831 GUURUUG G UCCCACAA 4465 GCCACAAA GICTAGCTACACGA CACACGA C 21586 18832 GUURUUG G UCCCACAA 4465 GCCACAAA GICTAGCTACACGA CAAAAACG 21586 18833 GUURUUG G UCCCACAA 4465 GCCACAAA GICTAGCTACACGA CAAAAACG 21586 18842 CSURUUUG G UCCCACAA 4465 GCCACAAA GICTAGCTACACGA CAAAAACG 21586 18855 CCCCAGAAA 4467 TITUTCTGG GICTAGCTACAACGA CAAAAACG 21587 18856 CCCCAGAAA 4467 TITUTCTGG GICTAGCTACAACGA CAAAAACG 21589 18857 CAGAAUG G UCCCACAA 4467 TITUTCTGG GICTAGCTACAACGA CAATACTC 21591 18859 UGAAGAAG G UCCACAA 4467 GCCACAGA GICTAGCTACAACGA CAATACTC 21591 18950 UGAAGAAG G UCCACAA 4467 GCCACAGA GICTAGCTACAACGA CAATACTC 21591 18950 UGAAGAAG G UCCACAA 4467 GCCACAGA GICTAGCTACAACGA CAATACTC 21591 18950 UGAAGAA G UCCACAA 4467 GCCACAGA GICTAGCTACAACGA CAATACTC 21593 18950 UGAAGAAG G UCCACAA 4467 TITUTCTGGG GICTAGCTACAAC	8742	GGGCAGCA G CGAGUGUU	4453		
1974 CACCARGU G UUCANARA 4455 TCTTTMA GGCTAGCTACAGGA ACTOCCTO 131576 18751 ARAGGANA G UUCGUGAA 4456 COTOTICA GGCTAGCTACAGGA CTTCTCTT 131577 18773 ACACGANA G CUCCUGAA 4457 TTCAGGAG GGCTAGCTACAGGA TTTCTTCT 211578 18784 CCUGNACC CCCAGANGG 4458 CCTTCTGG GGCTAGCTACAGGA TTTCTTCT 211578 18794 CAGANGGA G UGAAGGAC 4459 GTACTTCA GGCTAGCTACAGGA GTTCCTCT 211578 18794 CAGANGGA G UGAAGGAC 4459 GTACTTCA GGCTAGCTACAGGA TTCCTCTC 211580 18903 UGAAGGAC G UGCAGAG 4460 ACACGGTA GGCTAGCTACAGGA TTCCTCC 211581 18904 18904 18904 18904 18904 18904 18904 18904 18904 18904 18904 18905 ACAGAGGA GUCAGAGA 4461 ATTGACCA GGCTAGCTACAGGA ACGTAGTT 211581 18905 ACAGAGGA G UUGAGGA 4462 TCATTGAG GGCTAGCTACAGGA ACGTAGTT 211581 18905 ACAGAGGA G UUGAGGA G UUGAGAAAAG G UUGAGAAAAG G UUGAGACA G UUGAGGA G UUGAGA G UUGAGGA G UUGAGAAAAG G UUGAGAAAAG G UUGAGAAAAG G UUGAGAAAAG G UUGAGA G UUGAGAAAAGA G UUGAGAAAAGA G UUGAGAAAAGA G UUGAGAAAAGA G UUGAGA G UUGAGAAAAGA G UUGAGAAAAAGA G UUGAGAAAAGA G UUGAGAAAAGA G UUGAGAA G CAAUCCAG A 4471	8746	AGCAGCGA G UGUUCAAA	4454		
1973 AGGIGARGE GUIGACACO 4455 CONTICUE GICTAGCTACAGGA TITCOTTO 11577 11577 11578 11578 11579	8748	CAGCGAGU G UUCAAAGA	4455	TCTTTGAA GGCTAGCTACAACGA ACTCGCTC	
1972 ACAGGANA G CUCCUGAN. 4459 TTCAGGAN GGCTAGCTACAAGCA TTTOOTOT 21579 19794 CAGANAGA G UGAAGGAC 4459 GTACTICA GGCTAGCTACAAGGA GGTCAGG 21580 19799 GAGUNAG I UGCUGALI 4461 ACAGGATA GGCTAGCTACAAGGA TCCTTCCT 21580 19803 UGAAGGAC G UGCAAGT 4461 ATTGACCA GGCTAGCTACAAGGA TCCTTCCT 21581 19803 ANGUNGU G UGUCAAGT 4461 ATTGACCA GGCTAGCTACAAGGA TCCTTCCT 21581 19805 AAGUNGU G UGUCAGGA 4462 TCCTTUAG GGCTAGCTACAAGGA ACGTACTT 21581 19825 ACCUAGU G UGUGAGGA 4463 GCCCACAG GGCTAGCTACAAGGA ACGTACTT 21581 19829 AACUGGUU G UGUGGGG 4465 GCCCACAG GGCTAGCTACAAGGA ACGTACTT 21581 19829 AACUGGUU G UGUGGGG 4465 GCCCACAG GGCTAGCTACAAGGA ACGTACTT 21581 19829 AACUGGUU G UGGGGGGU 4466 GCCCACAG GGCTAGCTACAAGGA ACCAGAC 21586 19829 AACUGGUU G UGGGGGG G UUUUUGG C 4466 GCCCAAAAG GGCTAGCTACAAGGA ACCAGAC 21586 19829 AACUGGUU G UGCAGGAA 4466 GCCAAAAAG GGCTAGCTACAAGGA ACCAGAC 21586 19824 CCUUUUUG G CCCAGGAA 4467 TCTCTCGG GGCTAGCTACAAGGA ACCACAC 21586 19824 CCUUUUUG G CCCAGGAA 4467 TCTCTCGG GGCTAGCTACAAGGA ACACAC 21586 19824 CCUUUUUG G CCCAGGAA 4468 TCTCTGGG GGCTAGCTACAAGGA GCCACAC 21586 19824 CCUUUUUG G CUCUCGG 4470 CTCCAGAG GGCTAGCTACAAGGA GCTAGCTACAAGGA ACTTCTCTT 21593 19905 ACAGGAU G CUUUGAGA GCTAGCTACAAGGA GCTAGCTACAAGGA ACTTCTCT 21593 19905 ACAGGAU G CUUUGAGA GCTAGCTACAAGGA GCTAGCTACAAGGA ACTTCTCT 21593 19905 ACAGGAU G CUUUGAGA GCTAGCTACAAGGA ACTTCTCT 21593 19905 ACAGGAU G CUUUGAGA GCTAGCTACAAGGA ACTTCTCT 21593 19905 ACAGGAU G UUUGAGAGA 4472 CTCTCATTG GGCTAGCTACAAGGA ACTTCTCT 21593 19905 ACAGGAU G UU	8761	AAGAGAAG G UGGACACG	4456		
1974 CCUGARCE G COMBAGUA 4459 CCTTCTGG GGCTAGCTACARCA TOCTTCTG 21591 1879 GGARGGRA G UGAGUGCU 4450 AGCAGTA GGCTAGCTACARCA TYCTCTG 21591 18803 UGAGUGCA UGCUCAAU 4461 ACCAGTA GGCTAGCTACARCA TYCTCTG 21591 18803 AAGUACGU G CUCAUUGA 4461 ATTGACCA GGCTAGCTACARCAG TYCTCTCT 21591 18805 AAGUACGU G CUCAUUGA 4462 TCATTGAG GGCTAGCTACARCAG GTACTTCT 21593 18826 ACCARCUG G CUCAUUGA 4463 GCCCACAA GGCTAGCTACARCAG ACGTTGCT 21593 18827 AACUGGU G UGAGUGU 4464 ACCCCCA GGCTAGCTACARCAG CAGTTGCT 21594 18829 AACUGGU G UGGUGGUU 4464 ACCCCCA GGCTAGCTACARCAG CAGTTGCT 21594 18831 GGTURUUG G COMBUUU 4465 CAAAAAC GGCTAGCTACARCAG CACARCC 21596 18932 AACUGGU G UGUUUUG 4465 CAAAAAC GGCTAGCTACAACAA CCCCACAA 18942 CGUUUUUG G COCRGAA 4467 TTCTCTGG GGCTAGCTACAACAA GCCCACAA 18942 CGUUUUUG G CCCAGAA 4467 TTCTCTGG GGCTAGCTACAACAA GCCCACAA 18955 AGAAAAAC G UCCCCCAGA 4469 CGCACAAA GGCTAGCTACAACAA GCCTACAC 18965 CACAAAUG G CUCCCAGA 4469 CGCACAAA GGCTAGCTACAACAA GTTTTCTG 18967 CACAAAUG G CUCCCAGA 4470 CTCCAGAG GGCTAGCTACAACAA CACTTCTG 18900 GGUCACA G CUCCCAGA 4471 GCTGTTGA GGCTAGCTACAACAA ACATTCTG 18900 GGUCACA G CAAUCCAG 4471 GCTGTTGA GGCTAGCTACAACAA ACATTCTG 18900 GGUCACAG G CAUCCAG 4471 GCTGTTGA GGCTAGCTACAACAA ACATTCTG 18900 GGUCACAG G CAUCCAG 4471 GCTGTTGA GGCTAGCTACAACAA ACATTCTG 18900 GGUCACAG G CAUCCAG 4472 CTCCAGAG GGCTAGCTACAACAA ACATTCTG 18900 GGUCACAG G CAUCCAG 4471 GCTGTTGA GGCTAGCTACAACAA ACATTCTG 18900 GGUCACAG G CAUCCAG 4472 CTCCAGAG GGCTAGCTACAACAA ACATTCTG 18900 GGUCACAG G CAUCCAG 4472 CTCCAGAG GGCTAGCTACAACAA ACATTCTG 18900 GGUCACAG G CAUCCAG 4473 CAAAGCTG GGCTAGCTACAACAA ACATTCTCT 18911 AGCUUUGG G UCCACAG 4472 CTCCAGAG GGCTAGCTACAACAA ACATTCTC 18911 AGCUUGGG G UCCACAG 4473 CAAAGCTG GGCTAGCTACAACAA TYTCTCTG 18911 AGCUUGGG G UCCACAG 4473 CAAAGCTG GGCTAGCTACAACAA TYTCTCTG 18911 AGCUUGGG G UCCACAG GACTAGCT	8773	ACACGAAA G CUCCUGAA	4457		
6799 GRAGHAGA GURAGHAC 4459 GERATICA GETRAGTACAACGA TICATTICT 21581 8805 ANGAUGUI GUCUANUM 4461 ATTAGCA GETRAGTACAACGA FITACTICT 21581 8805 ANGAUGUI GUCUANUM 4462 TATTAGCA GETRAGTACAACGA CONTROLT 21581 8826 ACCIACUU GUUGUIGGC 4463 GECCACAA GETRAGTACAACGA CONTROLT 21581 8827 AACUGGUI GUGUGGGGU 4464 AACGCCA GETRAGTACAACGA CONTROLT 21581 8828 ACCIACUU GUUGUIGGC 4465 GECCACAA GETRAGTACAACGA CAGTRAGT 21584 8839 GUUGUIGG GUUUUUU 4465 GAAAAACG GETRAGTACAACGA CACAACC 21586 8839 UUGUIGGC GUUUUUU 4465 GAAAAACG GETRAGTACAACGA CACAACC 21586 8831 GUUGUIGG GUUUUUU 4465 GAAAAACG GETRAGTACAACGA CACAACC 21586 8832 AGAAAAAC GUCCAGAA 4468 TTCTTGTG GETRAGTACAACGA CACAACC 21586 8835 AGAAAAAC GUCCAGAA 4468 TTCTTGTG GETRAGTACAACGA CACAACC 21586 88365 CCCAGAAU GUCCAGAG 4470 CTCGAGAG GGTRAGTACAACGA CAAAACC 21589 88665 CCCAGAAU GUCCAGAG 4470 CTCGAGAG GGTRAGTACAACGA CATATACTG 21591 8890 GAAACAAC GUACACAC 4471 GCTGAGAG GGTRAGTACAACGA CATATACTG 21591 8990 GUCAACA GCAAUCCAG 4472 CTCGATG GGTRAGTACAACGA CATATACTG 21591 8990 GUCAACA GCAAUCCAG 4473 CACAGAGC GGTRAGTACAACGA CATTCTTT 21589 8990 GCAAUCCA GCAAUCCAG 4473 CACAGAGC GGTRAGTACAACGA CATTCTTT 21591 8990 GCAAUCCA GCAAUCCAG 4473 CACAGAGC GGTRAGTACAACGA CATTCTTT 21591 8990 GCAAUCCA GCAAUCCAG 4473 CACAGAG GGTRAGTACAACGA CATTCTTA 21591 8991 ACCACAAU GUUCAACG 4474 CACCAAU GGTRAGTACAACGA CATTCTTA 21591 8992 ACCACAAU GUUCAACG 4473 CACAGAG GGTRAGTACAACGA CATTCTTA 21591 8993 GCAAUCCA GCAAUCCAG 4473 CACAGAG GGTRAGTACAACGA CATTCTAC 21591 8994 GCAAUCCA GCAAUCCAG 4474 CACCAAUCCAACG GCTRAGTACAACGA CATTCTCTA 21591 8995 CACAGAGA GCCAAUCCAG 4475 CACAGAGA GCTCACAC CACAAACCAC CACACAAC CACACACA	8784	CCUGAACC G CCAGAAGG	4458		
8693 UGARGIGA G UNCUCANA 4461 ACCOTAG GETRIGETACARCIA TECATEC 21587 8805 ARGUNCU G CUCANUGA 4461 TATRIAGCA GETRIGETACARCIA GETRICTT 21583 8826 ACCARCUG G UUGAUGA 4462 TEATRIAGA GETRIGETACARCIA RESTRICT 21583 8828 ACCARCUG G UUGAUGA 4463 GECCACAA GETRIGETACARCIA CONTROLT 21583 8829 AACUGGUU G UGGGGGUU 4465 GECCACAA GECTRIGETACARCIA CONTROLT 21583 8829 AACUGGUU G UGGGGGUU 4465 GECCACAA GECTRIGETACARCIA CACARCE 21586 8835 UUGUGGGC G UUUUUUGG 4465 CAARARC GETRIGETACARCIA CACARAC 21586 8835 UUGUGGGC G UUUUUUGG 4466 GECCAAAA GETRIGETACAACGA CACARCE 21587 8842 CGUUUUUG G CCCAGAA 4467 TETCTTCG GETRIGETACAACGA GECCACAA 21587 8855 ACAARAAC G UUCUUCGG 4469 CGCAGAAA 4467 TETCTTCG GETRIGETACAACGA GETRICTTCT 21589 8865 CACARAAGA G UUCUUCGG 4469 CGCAGACA GETRICTCACAACGA CTTTTCTT 21589 8866 CACARACUG CUCUCGGA 4470 CTCGAGAG GETRIGETACAACGA ACATTCTC 21589 8893 UARGAABA G UCACAGC 4471 GETGTTGA GETRIGETACAACGA ACATTCTC 21591 8990 GECIACAC G CAUUUCG 4472 CTCGATAG GETRIGETACAACGA ACATTCTC 21591 8990 GECIACAC G CUUUGGGU 4473 CAARGCT GATAGACAACGA ACATTCTC 21591 8991 ACAGCABU G CUUUGGGU 4474 ACCCAAAG GETRIGETACAACGA ACATTCTC 21591 8992 ACAGCABU G CUUUGGGU 4475 ACAGGGGA GETRIGETACAACGA ACCATTCC 21594 8992 ACAGCAB G CUUUGAG 4476 ACAGGGA GETRIGETACAACGA ACCATTGC 21595 8917 ACUUUGGU G CCCAUGH 4476 ACACAGGG GETRIGETACAACGA ACCATAGC 21596 8917 ACUUUGGU G CCCAUGH 4476 ACACAGGG GETRIGETACAACGA ACCATAGC 21596 8917 ACUUUGGU G CCCAUGH 4478 ACCCAAG GGTRIGETACAACGA ACCATAGC 21596 8917 ACUUUGGU G CUUUGAGA 4478 ACCCAAG GGTRIGETACAACGA ACCAAACC 21596 8917 ACUUUGGU G CUCACAG 4478 CTCTTCATA GGTRIGETACAACGA ACCAAACC 21596 8917 ACUUUGGU G CUCACAG 4478 CTCTTCATA GGTRIGETACAACGA ACCAAACC 21596 8918 ACACGGGG G CUCACAG 4479 CTCTTCATA GGTRIGETACAACGA TCTCTCATA 21597 8918 AUGUAGAG G CUCACAG 4479 CTCTTCAT	8794	CAGAAGGA G UGAAGUAC	4459	GTACTTCA GGCTAGCTACAACGA TCCTTCTC	
B805 ANGUNCUS GUCANUS 4461 ATTARCA GETINGCTACARCA GETINTCT 21593	8799	GGAGUGAA G UACGUGCU	4460		
8825 ACCARACUS G UUGUGGGC 4462 TCATTENG GICTACCTACAGGA ATCATTCT 21584 8829 AACUGGUU G UUGUGGGC 4463 ACCCCCAA GCTACCTACAGGA CACTACCT 21584 8823 AGUUGUUG G CAGUUUUU 4465 CANANACG GGCTACCTACAACGA CACAACC 21586 8833 GUUGUUG G CAGAGAAA 4467 TCCTCGG GGCTACCTACAACGA CACAACC 21586 8855 AGAAAAAC G UUCCAGAA 4466 CCCAAAAA GGCTACCTACAACGA CACAACC 21588 8855 AGAAAAAC G UUCCAGAA 4467 TCCTCGG GGCTACCTACAACGA CAAAAACC 21588 8855 CCCAGAAA G UUCCAGAA 4468 TCCTCGG GGCTACCTACAACGA CAAAAACC 21588 8855 CCCAGAAAA G UUCCAGAA 4468 TCCTCGGA GGCTACCTACAACGA ACTATCGG C 21590 8856 CACAAAAAC 4471 GCTGTTGA GGCTACCTACAACGA ACTATCGG C 21591 88900 GGUCAACA CACAUGCA 4471 GCTGTTGA GGCTACCTACAACGA ACTATCGG C 21591 8900 GGUCAACA CACAUGCA 4472 CTGCATTG GGCTACCTACAACGA ACTATCGG C 21591 8900 GGUCAACA CACAUGCA 4473 CACAAAG GCTACCTACAACGA ACTATCCC 21593 8900 ACAGCAAU G CAAUGCA 4473 CACAAAG GCTACCTACAACGA ACTATCCC 21593 8901 ACAGCAAU G CACUUUG 4473 CACAAAG GGCTAGCTACAACGA ACTATCCC 21593 8902 ACAGCAAU G CACUUUG 4474 ACCCAAAG GGCTAGCTACAACGA ACTATCC 21595 8917 CUUUGGGU 4474 ACCCAAAG GGCTAGCTACAACGA ACCAAAGC 21599 8918 ACAGCAAU G CAAUGCA 4474 ACCCAAAG GGCTAGCTACAACGA ACCAAAGC 21599 8919 ACAGAAGA G CCAAUGCA 4478 ACCCAAAG GGCTAGCTACAACGA ACCAAAGC 21599 8910 ACAGCAAU G CAAUGCA 4478 ACCCAAAG GGCTAGCTACAACGA CCAAAGC 21599 8911 CUUUGGGU 4478 ACCCAAAG GGCTAGCTACAACGA ACCAAAGC 21599 8911 AGUUUGAGA 4479 TCTTCAA GGCTAGCTACAACGA ACCCAAAG 21599 8911 AGUUUGAGA 4479 TCTTCAA GGCTAGCTACAACGA CCAAAGC 21599 8911 UUUGAAGA 4479 TCTTCAA GGCTAGCTACAACGA CCAAAGC 21599 8911 UUUGAAGA 4479 TCTTCAG GGCTAGCTACAACGA CCAACGA 21599 8912 CACAGUUGA 4479 TCTCCGG GGCTAGCTACAACGA CCACAAGG 21599 8914 AUGAGGA CCCAAGAGA 4479 TCTCCGG GGCTAGCTACAACGA CCACACGA 21500 8914 AUGAGGA CCACAUUGA 4490 TCTCCGG GGCTAGCTACAACGA CCACACGA	8803	UGAAGUAC G UGCUCAAU	4461		
BR29 AACUGACUU G UUGGGGGU 4463 GCCCACAA GGCTAGCTACAAGGA CACTTGGT 21585 BR29 AACUGGGUU G UUGGGGGU 4464 AACGCCCA GGCTAGCTACAGA ACCAACC 21586 BR35 UUGUGGGG G UUUUUUG 4465 CAAAAAGG GGCTAGCTACAACGA CCACACC 21587 BR35 UUGUGGGG G UUUUUGG G CCAGAAA 4466 GCCAAAAA GGCTAGCTACAACGA CCACACC 21587 BR35 CUUUUGGGG G UUUUUGG G CCAGAAA 4467 TTCTCTGGG GGCTAGCTACAACGA CCACACC 21587 BR35 CCCAGAAA G CCACAAAA GGCTAGCTACAACGA CCAAAAACC 21588 BR35 CCCAGAAA G GCCAACAAA GGCTAGCTACAACGA CACAAAACC 21588 CCCAGAAA G GCCAACAA 4468 TTCTGGGA GGCTAGCTACAACGA ATTTTTC 21589 CCCAGAAA GGCTAGCTACAACGA ATTTTTC 21591 CCCAGAACA GGCTAGCTACAACGA ATTTTTC 21591 CCCAGACAA GGCTAGCTACAACGA ATTTTTC 21591 CCCAGACAA GGCTAGCTACAACGA ATTTCTC 21591 CCCAGACAA GGCTAGCTACAACGA ATTTCTC 21591 CCCAGACAA GGCTAGCTACAACGA ATTTCTC 21591 CCCAGACAA GGCTAGCTACAACGA ATTGCTC 21591 CCCAAGAA GCCAAAAG GCCTAGCTACAACGA ATTGCTC 21591 CCCAAGAA GCCAAAAG GCCAAAGAA CCCAAAAG GCCTAGCTACAACGA ATTGCTC 21591 CCCAAGAA GCCAAAGAA CCCAAAAG GCCTAGCTACAACGA ACCAAAGCT 21591 CCCAAGAACAAAAAAAAAAAAAAAAAAAAAAAAAAAA	8805	AAGUACGU G CUCAAUGA	4462		
8823 GRUUNGG G GUUNUUG 4465 CANANAG GGCTAGCTACAGA ACCACACC 21566 8835 UUSUGGG G UUNUUGG 4465 GCCAAAAA GGCTAGCTACAACG ACCACACC 21567 8835 UUSUGGG G UUNUUGG 4465 GCCAAAAA GGCTAGCTACAACGA CCACACC 21568 8835 GCUUNUUG C CACAGACA 4467 TTCTCGG GGCTAGCTACAGG GCCAACCA 21588 8855 AGAAAAAC UCCCAGAAA 4467 TTCTCGG GGCTAGCTACAACGA GTTATACG 21588 8855 CCCAGAAAA GCCACACCA 4467 TTCTCGG GGCTAGCTACAACGA GTTATACGG 21590 8856 CCCAGAAGA GUCUCCGC 4469 CCAGAGCA GGCTAGCTACAACGA GTTATACGG 21590 8856 CCCAGAAGA GUCUCCGA 4470 CCTCAGAGG GGCTAGCTACAACGA ACTTCTG 21591 8893 UAAGAAAG GUCAACCA 4471 GCTGTTGA GGCTAGCTACAACGA ACTTCTT 21592 8990 GCCACAC GCAAGCA 4472 CCTGCATTG GGCTAGCTACAACGA ACTTCTT 21593 8990 ACAGCAAU CAAUGCA 4473 ACCCAAAG GCTAGCTACAACGA ACTTCTT 21593 8990 ACAGCAAU CAAUGCA 4473 ACCCAAAG GGCTAGCTACAACGA ACTTCTT 21593 8991 ACAGCAAU CAAUGCA 4474 ACCCAAAG GGCTAGCTACAACGA ACTGCTT 21595 ACAUGCAG CCAUGUUG 4475 ACAGCAAG GGCTAGCTACAACGA ACTGCTTT 21595 4475 ACAGCAAG ACAGCAAG ACAGCAAG ACAGCAAG 4476 AAACATGG GGCTAGCTACAACGA ACCCAAAG 21597 4475 AACATGGA GGCTAGCTACAACGA ACCCAAAG 21598 4475 AAGAGGA G CCCCAAGA 4477 TCTCTCAG GGCTAGCTACAACGA ACCCAAAG 21598 4475 AAGAGGA G CCCCAAGA 4477 TCTCTCAG GGCTAGCTACAACGA ACCCCACCAC 21600 4475 AACATGGA GGCTAGCTACAACGA ACCCCACCAC 21600 4475 AACATGGA GGCTAGCTACAACGA ACCCCACCAC 21600 4475 AACATGGA GGCTAGCTACAACGA ACCCCACCAC 4475 AACATGGA GGCTAGCTACAACGA ACCCCACCAC 4484 ACCCCAGAG GGCTAGCT	8826	ACCAACUG G UUGUGGGC	4463		
8835 UUGUIGGG G CUUUUUG	8829	AACUGGUU G UGGGCGUU	4464		
8842 COUUNUIG C CCAGAGAA 4466 GCCAAAAA GGCTAGCTACAACGA GCCCACAA 21587 8855 AGAAAAAC G UCCCAGAA 4468 TYCTGGG GGCTAGCTACAACGA CAAAAAC G UCCCAGAAU G UGCUCUCG 4469 CCAGAGACA GGCTAGCTACAACGA GTTTTTCT 21589 8865 CCAGAAUGU G UCCUCCGA 4469 CCAGAGACA GGCTAGCTACAACGA ACTTTCTG 21591 8867 CAGAAUGU G CUCUCCGA 4470 CTCCGAGA GGCTAGCTACAACGA ACTTTCTG 21591 8893 UAAGAAAG G UCACACGC 4471 GCTGTTGA GGCTAGCTACAACGA ACTTTCTG 21591 8893 UAAGAAAG G UCACACG 4471 GCTGTTGA GGCTAGCTACAACGA CTTTGTAC 21592 8990 GGUCAACGA C CABUGCAG 4472 CTCCATAG GGCTAGCTACAACGA CTTTGAC 21593 8990 GCCAAUGCA C CABUGCAG 4472 CTCCATAG GGCTAGCTACAACGA CTTTGAC 21593 8990 GCAAUGCA C CTUUGGGU 4474 ACCCAAG GGCTAGCTACAACGA CTTTGAC 21594 8991 AGCAUCCA G CTUUGGGU 4474 ACCCAAG GGCTAGCTACAACGA CTCATAGC 21595 8991 CUUUGGG G UUCACAG 4477 ACCCAAG GGCTAGCTACAACGA CACAAGC 21595 8991 CUUUGGG G CAUGCAU 4476 AAACATGG GGCTAGCTACAACGA ACCCAAAGC 21596 8992 GGUCCCAU G UUUGAAGA 4477 TCTTCAAA GGCTAGCTACAACGA ACCCAAAGC 21598 8992 GGUCCCAU G UUUGAAGA 4478 TGATTCTG GGCTAGCTACAACGA ACCCAAAGC 21598 8993 UUUGAAGA G CACCAAGA 4478 TGATTCTG GGCTAGCTACAACGA TCCTCCAT 21600 8994 AUGAGAGG A CCCCAAGGA 4478 TGATTCTG GGCTAGCTACAACGA TCCTCCCAT 21601 8995 CCAGAGAA G CAGUUGAA 4481 TTCAACTG GGCTAGCTACAACGA TCCTCCCAT 21601 8995 CCAGAGAA G CAGUUGAA 4481 TTCAACTG GGCTAGCTACAACGA TCCTCCC 21601 8995 CCAGAGAA G CAGUUGAA 4481 TTCAACTG GGCTAGCTACAACGA TCCTCCC 21601 8995 GGAGAGAG G CUGAAGGA 4484 TTCAACTG GGCTAGCTACAACGA CCTCTCC 21601 8990 GGAGAGAG G CUGAAGGA 4485 TTCAACTG GGCTAGCTACAACGA CCTCTCCC 21601 8990 GGAGAGGA G CUGAAGGA 4485 TTCAACTG GGCTAGCTACAACGA CCTCTCCC 21601 8990 GGAGAGGA G CUGAAGGA 4485 TCCCCCG GGCTAGCTACAACGA CCTCTCCC 21601 8990 GAGAGGAG G CCAAGGGA 4484 GCCTCGCG GGCTAGCTACAACGA CACTCTCC 21601 8990 GAGAGGAG G CCAAGGGA 4485 GCCCCAGGG GGCTAGCTACAACGA CACTCCCC 21601 8990 GAGAGGAG G CCAAGGCA 4485 GCCCCGGG GGCTAGCTACAACGA CACCACGA CCCCAGGGG GCCAAGGG	8833	GGUUGUGG G CGUUUUUG	4465		
B855 CAGANANC G UCCAGAM 44667 TICTOTIGE GICTRACTACAACGA CANANACG 21588 8855 CCCAGAMU G UCCCUCCAGA 4469 CORGAGACA GICTRACTACAACGA GITTITTG 21599 88667 CCCAGAMU G UCCUCCGAG 4470 CTCGAGAG GICTRACTACAACGA ACATTCTG 21591 8867 CAGANUGU G CUCUCGAG 4470 CTCGAGAG GICTRACTACAACGA ACATTCTG 21591 8893 UAAGAAACA G UCAACAGC 4471 GCTGTTGA GICTRACTACAACGA ACATTCTG 21591 8990 GGUCAACA G CAGCUUGU 4472 CTCGATTG GICTRACTACAACGA CTTTGTTA 21592 8990 GGUCAACA G CAGCUUGU 4473 CAAAGCAGA G CAGCUUGU 4474 ACCCAAAG GICTRACTACAACGA TTTGCTG 21593 8990 GCAAUGCA G CURUUGGGU 4474 ACCCAAAG GICTRACTACAACGA TTTGCTG 21595 8915 AGCUUUGG G UGCCAUGU 4475 ACATGGCA GICTRACTACAACGA TTGCTG 21595 8917 CUUUGAGGU G CCAUGUU 4476 AAACATGG GICTRACTACAACGA ACCCAAAGCT 21596 8917 CUUUGAGGU G CCAUGUU 4476 AAACATGG GICTRACTACAACGA ACCCAAAGCT 21597 8922 GGUGCCAU G UUUGAAGAA 4477 TICTTCAAA GICTRACTACAACGA ACCCAAAGCT 21597 8931 UUUGAAGAA G CAGAAUCA 4478 TICTTCAAA GICTRACTACAACGA ACCCAAAGCT 21598 8948 ADGGAGGA G COCCAGAG 4479 CTCTGCG GICTRACTACAACGA ACCCCAAG 21598 8948 ADGGAGGA G CACGAGAA 4480 TTCTCTGG GICTRACTACAACGA ACCTCCCAT 21600 8955 CCAGAGAA G CAGUUCAA 4481 TTCAACTG GICTRACTACAACGA ACCTCCCC 21601 8952 GAGAACAC G UUGAACAGU 4482 ATCTTCAA GICTRACTACAACGA ACCTCCCC 21601 8952 GAGAACAC G UUGAACAGU 4482 ATCTTCAA GICTRACTACAACGA TCCTCCC 21602 8952 GAGAACAC G UUGAACAGU 4482 ATCTTCACA GICTRACTACAACGA TCCTCCC 21603 8952 GAGAACAC G UUGAACAGU 4482 ATCTTCACA GICTRACTACAACGA ACCTCCCC 21604 8098 GAGGAAUG G UUGAACAGU 4483 CTCATCCA GICTRACTACAACGA ACCTCCCC 21604 8098 GAGGAAUG G UUGAACAGU 4484 GCCTGCGG GICTRACTACAACGA ACCTCCCC 21605 80007	8835	UUGUGGGC G UUUUUGGC	4466		
8855 CCCAGANA GUSCULUGA 4468	8842	CGUUUUUG G CCAGAGAA	4467		
8865 CCAGAMUS UCCUCUGA 4469 COAGAGCA GOTTAGTACAACGA ATTETTOGG 21590 8867 CAGAMUS GUCUCUGAC 4471 GCTGTTGA GOTTAGTACAACGA ACATTETTO 21591 8893 UAAGAANG UCAACACC 4471 GCTGTTGA GOTTAGTACAACGA ACATTETTA 21592 8905 ACAGCAAU GCAUGUGAC 4472 CTGCATTG GOTTAGTACAACGA CTTTAGACC 21593 8906 GCAAUGCA GCAUGUGAC 4474 ACCCAAMG GOTTAGTACAACGA ATTGCTGT 21594 8907 ACAGCAAU GCAGUUUG 4474 ACCCAAMG GOTTAGTACAACGA ATTGCTGT 21595 8918 AGCUUUGG GUCCAUGU 4475 ACATGCA GOTTAGCTACAACGA ATCGTTC 21595 89191 AGCUUUGG GUCCAUGU 4476 AAACATGG GOTTAGCTACAACGA ATCGTTC 21595 8917 CUUUGGGU GUCCAUGU 4477 ACCCAAMG GOTTAGCTACAACGA ACCCAAMGCT 21596 8918 AGCUUUGG GCAGUUUU 4476 AAACATGG GOTTAGCTACAACGA ACCCAAMGCT 21597 8919 UUUGAAGA GCAGAACA 4478 TCTTCAAA GGCTAGCTACAACGA ATCGCACCAAG 21597 8911 UUUGAAGA GCAGAACA 4478 TCATGCAG GOTTAGCTACAACGA ATCCCACA 21599 8922 GGUGCCAU GUUUGAAGA 4479 CTCTGGCG GGCTAGCTACAACGA TCCTCAT 21600 8950 GGAGGAC GCCAGAGA 4480 TTCTCTGG GGCTAGCTACAACGA TCCTCCAT 21600 8950 GGAGGAC GUCAAGAA 4481 TTCAACTG GGCTAGCTACAACGA TCCTCCC 21601 8950 GGAGGAC GUCAAGAA 4482 ATCTTCAA GGCTAGCTACAACGA TCCTCCC 21602 8960 GGAGGAC GUGAAGAA 4482 ATCTTCAA GGCTAGCTACAACGA TCCTCCC 21603 8970 GGAGGAC GUGAAGAA 4483 CCATCCA GGCTAGCTACAACGA TCCTCCC 21604 8990 GAGGAGAC GUGAAGAA 4484 GCCTCCCG GGCTAGCTACAACGA CATCTCCC 21605 8990 GGAGGAGAC GUGAAGAA 4483 CCATCCA GGCTAGCTACAACGA CATCTCCC 21605 8900 GAUGAGAG GCAGAGCA 4485 GCCCCCG GGCTAGCTACAACGA ACTCTCCC 21605 8900 GAUGAGAG GUGAAGAU 4486 GCCCCCG GGCTAGCTACAACGA CATCTCCC 21605 8900 GAGGGAGA GCAGGCA 4485 GCCCCCG GGCTAGCTACAACGA CATCTCCC 21605 8900 GAGGGAGA GUGAAGAU 4486 GCCCCCG GGCTAGCTACAACGA CATCTCCC 21605 8900 GAGGGAGA GCAGGCC 4485 GCCCCGCA GGCTAGCTACAACGA CATCTCCC 21607 8901 GCCCGGGGG GCAGGCC 4485 GCCCGCGC GGCTAG	8855	AGAAAAAC G UCCCAGAA	4468		
8893	8865	CCCAGAAU G UGCUCUCG	4469		
8993	8867	CAGAAUGU G CUCUCGAG	4470		
8900 GOUCARCA G CAMUIGGA 4472 CTIGCATTG GGCTAGCTACACGA TGTTGACC 21593 8908 CANGIGGAN G CANGUIGGA 4474 ACCEARAG GGCTAGCTACACGA ATTGCTGT 21594 8915 AGCUIUGG G UGCCAUGU 4475 ACCEARAG GGCTAGCTACACGA ATTGCTGTC 21595 8917 CUUUGGGU G CCAUGUU 4476 AAACATGG GGCTAGCTACAACGA CCARAGCT 21595 8922 GGUGCCAU G UUUGAAGA 4477 TCTTCARA GGCTAGCTACAACGA ACCGARAGCT 21596 8922 GGUGCCAU G UUUGAAGA 4477 TCTTCARA GGCTAGCTACAACGA ACCGARAGCT 21598 8931 UUUGAAGA G CAGAAUCA 4478 TGATTCTG GGCTAGCTACAACGA ACCGARAG 21597 8922 GGUGCCAU G UUUGAAGA 4478 TGATTCTG GGCTAGCTACAACGA ACTGCAC 21598 8948 AUGGAGGA G CGCCAGAG 4479 CTTGGGG GGCTAGCTACAACGA TCTTCARA 21599 8959 GGAGGAGC G CCAGAGAA 4480 TTCTGTGG GGCTAGCTACAACGA TCTTCCAT 21600 8955 GGAGGAGC G CAGAGAAA 4480 TTCTGTGG GGCTAGCTACAACGA TCTTCTGC 21601 8959 GGAGGAGC G UUGAAGAA 4481 TCTACTGG GGCTAGCTACAACGA TCTTCTGC 21601 8959 GGAGGAGC G UUGAAGAA 4481 TCTACTGG GGCTAGCTACAACGA TCTTCTGC 21602 8969 GGAGGAGC G UUGAAGAA 4481 TCTACTCA GGCTAGCTACAACGA TCTCTCC 21603 8969 GGAGGAGC G UUGAAGAA 4483 CTCATCCA GGCTAGCTACAACGA CATCTCCC 21604 8969 GGAGGAGC G CACAACCA 4485 GTGCCTCC GGCTAGCTACAACGA CATCTCCC 21605 89000 GANGAGGA G CGCGAGGC 4485 GTGCCTCG GGCTAGCTACAACGA CATCTCCC 21605 89000 AGAGGAGC G CACAACCU 4486 CAGATTCT GGCTAGCTACAACGA CATCTCCC 21606 89000 AGAGGAGA G CACAUCU 4486 CAGATTCT GGCTAGCTACAACGA CTCCTCCA 21607 80000 AGAGGAGA G CACAUCU 4488 AAGTTGA GGCTAGCTACAACGA CTCCTCCA 21607 80000 AGAGGAGA G CACAUCU 4488 AAGTTGA GGCTAGCTACAACGA ATTCCCC 21608 80000 AGAGGAGA G CACAUCU 4488 AAGTTGA GGCTAGCTACAACGA ATTCCCC 21609 80000 AGAGGAGA G CACAUCU 4488 AAGTTGA GGCTAGCTACAACGA ATTCCCC 21609 80000 AGAGGAGA G CACAUCU 4488 AAGTTGA GGCTAGCTACAACGA ATTCCCCC 21609 80000 40000 40000 40000 400000 400000000	8893	UAAGAAAG G UCAACAGC	4471		
8908 GCARGORG C CUUUGGGU 4474 ACCCANG GGCTAGCTACCACGA ATTGCTGT 21594 8915 AGUUUGG G UGCCAUGU 4475 ACCCANG GGCTAGCTACAACGA TGCATTGC 21595 8917 CUUUGGGU G COCAUGUU 4475 ACATGGCA GGCTAGCTACAACGA ACCCANAGC 21597 8921 CUUUGGGU G UUUGAAGA 4477 TCTTCANA GGCTAGCTACAACGA ACCCANAG 21597 8931 UUUGAAGA G CAGAAUCA 4478 TGATTCTG GGCTAGCTACAACGA ACCCANAG 21598 8948 AUGGAGGA G CCCACAGAG 4479 TCTTCANA GGCTAGCTACAACGA ACCCANAG 21598 8948 AUGGAGGA G CCCACAGAG 4479 TCTTCANA GGCTAGCTACAACGA TCTTCANA 21599 8950 GGAGGAGC G CCCACAGAG 4480 TCTCTGTG GGCTAGCTACAACGA TCTTCCAT 21600 8959 CCAGAGAA 4480 TCTCTGTG GGCTAGCTACAACGA TCTTCCC 21601 8959 CCAGAGAA 4480 TCTCTGTG GGCTAGCTACAACGA TCTTCCC 21601 8959 CCAGAGAA G UUGAAGAU 4482 ATCTTCAA GGCTAGCTACAACGA TCTTCCC 21603 8962 GGACAGCA G UUGAAGAU 4482 ATCTTCAA GGCTAGCTACAACGA TCTTCCC 21603 8963 GGGACAGA G UUGAAGAU 4483 CTCATCCA GGCTAGCTACAACGA TCTTCCC 21604 8000 GAUGAGGA G CGCAGAGC 4484 GCCTCGCG GGCTAGCTACACGA TCCTCCC 21605 8000 GAUGAGGA G CGCAGAGC 4486 GCCTCGCG GGCTAGCTACACGA TCCTCCC 21606 8000 GAUGAGGA G CACAUCUG 4486 CAGATTGT GGCTAGCTACACGA CTCTCCC 21606 8000 8000 GAUGAGGA G CACAUCUG 4486 CAGATTGT GGCTAGCTACACGA CTCTCCC 21606 8000	8900	GGUCAACA G CAAUGCAG	4472		
SOURCE GUNCHARD 4474			4473		
8915 AGCUUUGG G UGCCAUGU 4476 AAACATGG GGCTAGCTACAAGG ACCAAAGC 21596 8927 CUUUGGGU G CCAUGUUU 4476 AAACATGG GGCTAGCTACAACGA ACCCAAAG 21597 8922 GGUGCCAU G UUUGAAGA 4477 TCTTCAAA GGCTAGCTACAACGA ACCCAAAG 21598 8931 UUUGAAGA G CAGAAUCA 4478 TGATTCTG GGCTAGCTACAACGA ATCGCCAC 21598 8948 AUGAGGAG G CGCCAGGA 4479 CCTCTGGC GGCTAGCTACAACGA TCTTCAAA 21599 8959 GGAGGAGC G CCAGAGAA 4480 TTCTCTGGG GGCTAGCTACAACGA TCTCTCCC 21601 8959 CCAGAGAA G CGUUGAA 4481 TTCAACTG GGCTAGCTACAACGA TCTCTCC 21602 8959 CGAGAGAC G UUGAAGAU 4482 ATCTTCAA GGCTAGCTACAACGA TCTCTCC 21603 8959 GGAGAGC G UUGAAGAU 4483 CTCAATCA GGCTAGCTACAACGA TCTCTCC 21603 8959 GGAGAGC G UUGAAGAU 4483 CTCAATCA GGCTAGCTACAACGA TCCTCCC 21604 8950 GGAGAGC G UGGAGGC 4485 GCTCCCC GGCTAGCTACAACGA TCCTCCC 21605 89002 UGAGGAGC G CGAGGCC 4485 GTGCCTCG GGCTAGCTACAACGA TCCTCCAC 21606 89002 UGAGGAGC G CGAGGCC 4485 GTGCCTCG GGCTAGCTACAACGA TCCTCCAC 21606 89002 UGAGGAGC G CACAUCUG 4486 CAGATGTG GGCTAGCTACAACGA GCTCCCCA 21606 89002 UGAGGAGC G CACAUCUG 4486 CAGATGTG GGCTAGCTACAACGA GCTCCCCCA 21606 89026 GGGGGAAU G UCACACUU 4488 AAGTGTGA GGCTAGCTACAACGA AGATGTGC 21609 89026 GGGGGAAU G UCACACUU 4488 AAGTGTGA GGCTAGCTACAACGA AGATGTGC 21609 89026 GGGGGAAU G UUCAGACUU 4488 AAGTGTGA GGCTAGCTACAACGA AGATGTGC 21609 89026 GGGGGAAU G UUCAGACUU 4488 AAGTGTGA GGCTAGCTACAACGA ATCCCCCC 21609 89026 GGGGGGAAU G UUCAGACUU 4489 TTCACTGG GGCTAGCTACAACGA ATCCCCCC 21609 89026 GGGGGAAU G UUCAGACUU 4489 TTCACTGG GGCTAGCTACAACGA ATCCCCCC 21609 89026 GCCAGAGGCA 4491 TCCCTGG GGCTAGCTACAACGA TCTCCCGG 21611 89026 GUCAGAGG 4491 TCCCTGG GGCTAGCTACAACGA TCTCCCGG 21612 89026 GCCAGAGGCA 4492 TTCCCTGG GGCTAGCTACAACGA TCTCCCGG 21612 89026 GCCAGAGGCA 4492 TTCCCTGG GGCTAGCTACAACGA TCTCCCTG 21612 89026 GCCAGAGGCA 4492 TTCCCTGG GGCTAGCTACAACGA TCCCCTCT 21612 89026	8908	GCAAUGCA G CUUUGGGU	4474		
8917	8915	AGCUUUGG G UGCCAUGU	4475		
8931	8917	CUUUGGGU G CCAUGUUU	4476		
9948 AUGAGGA G COCCAGAGA 4478 TGATTCTG GGCTAGCTACAAGA TCTCCAA 21599 9950 GGAGGAGC G COCCAGAGA 4479 CTCTGGGG GGCTAGCTACAACGA TCCTCCAT 21600 8959 CCAGAGAA G CAGUUGAA 4481 TTCAACTG GGCTAGCTACAACGA GCTCCTCC 21601 8959 CCAGAGAA G CAGUUGAA 4481 TTCAACTG GGCTAGCTACAACGA GCTCCTCC 21602 8959 GGAGAAGGA G UUGAAGGAU 4482 ATCTTCAA GGCTAGCTACAACGA TCCTCCTC 21603 8989 GGGAGAUG G UGGAUGAG 4483 CTCATCCA GGCTAGCTACAACGA CATCTCCC 21604 9000 GAUGAGGA G CGCGAGGC 4484 GCCTCGG GGCTAGCTACAACGA CATCTCCC 21605 9002 UGAGGAGC G CGCAGGCC 4485 GTGCTTCG GGCTAGCTACAACGA CATCTCCC 21605 9007 AGCGCCAG G CACAUCU 4486 CAGATGTG GGCTAGCTACAACGA CCCCTCAT 21605 9007 AGCGCCAG G CACAUCU 4486 CAGATGTG GGCTAGCTACAACGA GCTCCTCA 21607 9015 GCACAUCU G CGGGGGA 4487 TCCCCCCG GGCTAGCTACAACGA AGATGTGC 21607 9026 GGGGGAAU G UCACACUU 4488 AAGTGTGA GGCTAGCTACAACGA AGATGTGC 21609 9035 UCACACUU G CAUUUACA 4489 TGTAAATG GGCTAGCTACAACGA AGATGTGC 21609 9035 UCACACUU G CAUUUACA 4489 TGTAAATG GGCTAGCTACAACGA AAGTGTGA 21610 9088 UCGGAAAG G UUCGGAAA 4490 TTCCCTGG GGCTAGCTACAACGA ATCTCCCC 21609 9088 UCGGAAAG G UUCAGAAA 4490 TTCCCTGG GGCTAGCTACAACGA TCTCCGG 21611 9088 UCGGAAAG G CAGAGGCA 4491 TCCCTTGG GGCTAGCTACAACGA TCTCCTG 21613 9103 GAAGCAGA G CACAGGGA 4491 TCCCTTGG GGCTAGCTACAACGA TCTCCTTG 21613 9111 GCCAUUUG G UUCAUGUG 4493 CCAAATGG GGCTAGCTACAACGA TCTCCTTG 21613 9111 GCCAUUUG G UUCAUGUG 4491 CCAATGA GGCTAGCTACAACGA TCTCCTTG 21614 9111 GCCAUUUG G UUCAUGUG 4495 CCAAATGG GGCTAGCTACAACGA TCTCCTTC 21614 9117 UGGUUCAU G UGGGCC 4495 CCCAGGGC GGCTAGCTACAACGA CACATGAA 21616 9111 UUUCUGGA G UUCAUGUG 4496 GCCTCCGAG GGCTAGCTACAACGA CACATGAA 21616 9111 UUUCUGGA G UUCAUGUG 4496 GCCTCCGAG GGCTAGCTACAACGA CACATGAA 21617 9177 GACCACUG G UUCAUGUG 4590 ACCAGGGG GGCTAGCTACAACGA CCCATGGAC 21622 9118 9118 GGGCUCUG G UUCAUGUG 4590	8922	GGUGCCAU G UUUGAAGA	4477		
9948 AUGGAGGA G CCCAGAG 4479 CTCTGGG GGCTAGCTACAACGA TCCTCCAT 21600 8950 GGAGGAGC G CCAGAGAA 4480 TTCTCTGG GGCTAGCTACAACGA GCTCCTCC 21601 8962 GAGAGAGCA G UUGAAGAU 4482 ATCTCAA GGCTAGCTACAACGA TCCTCTCC 21601 8962 GAGAAGCA G UUGAAGAU 4482 ATCTCAA GGCTAGCTACAACGA TCCTCTCC 21603 8969 GGGAGGUG G UGGAUGAG 4483 CTCATCCA GGCTAGCTACAACGA TCCTCCC 21604 9000 GAUGAGGA G CCCAGAGCC 4484 GCCTCGGG GGCTAGCTACAACGA CATCTCCC 21605 9002 UGAGGAGCA C 4485 GTGCCTCG GGCTAGCTACAACGA CCTCCTCA 21606 9007 AGCGCGAG G CACAUCUG 4486 CAGATGTG GGCTAGCTACAACGA CCTCCTCA 21606 9007 AGCGCGAG G CACAUCUG 4486 CAGATGTG GGCTAGCTACAACGA CTCCCC 21607 9015 GCACAUCUG CGGGGGGA 4487 TCCCCCCG GGCTAGCTACAACGA ACTCCCC 21609 9026 GGGGGAAU G UCACACUU 4488 AAGTGTGG GGCTAGCTACAACGA ATCCCCC 21609 9035 UCACACUU G CAGGGGGA 4489 TGTAAATG GGCTAGCTACAACGA ATCCCCC 21609 9035 UCACACUU G CAUUUACA 4489 TGTAAATG GGCTAGCTACAACGA ATCCCCC 21609 9038 UCAGAGAGA G UUCGGAAA 4490 TTCCCTCGG GGCTAGCTACAACGA ACTCCCCC 21610 9038 UCAGAGAG G CCAAGGCCA 4492 TCCCTCGG GGCTAGCTACAACGA TCTCCGGG 21611 9038 UCAGAGAG G CCAAGGCCA 4492 TCCCTTGG GGCTAGCTACAACGA TCTCCGGG 21612 9103 GAAGCAGA G CCAAUUUGG 4494 TCCCTTGG GGCTAGCTACAACGA TCTCCTTG 21614 9117 UGGUUCAU G UUCAUGUG 4495 CCCAAGAGG GGCTAGCTACAACGA TCTCCTTG 21614 9117 UGGUUCAU G UUCAUGUG 4496 CCCAAGAGG GGCTAGCTACAACGA CAAATGGC 21615 9120 UUCAUGUG G UUCAGAGG 4496 CCCAAGAGG GGCTAGCTACAACGA CAAATGGC 21616 9120 UUCAUGUG G UUCAGAGG 4496 CCCAAGAGG GGCTAGCTACAACGA CAAATGGC 21616 9120 UUCAUGUG G UUCAGAGG 4496 CCCAAGAGG GGCTAGCTACAACGA CAAATGGC 21616 9120 UUCAUGGG G UUCCAGAGG 4496 CCCAAGAGG GGCTAGCTACAACGA CAAATGGC 21616 9120 UUCAUGAG G UUCCAGAGG 4496 CCCCAGAGG GGCTAGCTACAACGA CACATGAA 21617 9127 GACCACUG G UUCCAGAGG 4496 CCCCAGAGG GGCTAGCTACAACGA CACATGAA 21627 9177 GACCACUG G UUCCAGAGG 4596 GCCCA	8931	UUUGAAGA G CAGAAUCA	4478		
8950 GARGGAGC CCAGRAGAA 4480 TTCTCTGG GGCTAGCTAAACGA CCTCCC 21601 8959 CCAGAGAA GUUGAACAU 4481 TTCAACTG GGCTAGCTACAACGA TTCTCTGG 21602 8989 GGAGAGU GUGAUGAG 4483 CTCATCCA GGCTAGCTACAACGA ACTCTCCC 21603 9000 GAUGAGGA GCGGAGGC 4484 GCCTCGG GGCTAGCTACAACGA ACTCTCCA 21605 9001 VAGCGAGG GCACAUCUG 4485 GTGCCTCG GGCTAGCTACAACGA CTCCCACC 21606 9015 GCACAUCU GCGGGGAA 4487 TCCCCCCG GGCTAGCTACAACGA AGATGTGC 21608 9026 GGGGGAAU GUCACACUU 4488 AAGTGTAA AGATGTACAACGA ATTCCCCC 21609 9035 UCACACUU 4488 AAGTGTAA GGCTAGCTACAACGA ATTCCCCC 21609 9078 CCCGGAGA GUCGGAAA 4490 TTTCCGAA GGCTAGCTACAACGA ATTCCCGG 21611 9088 UCAAGGAA <	8948	AUGGAGGA G CGCCAGAG	4479		
S959 CCARAGRA G CAGUUGAA 4481 TTCAACTG GGCTAGCTACACGA TTCTCTGG 21602	8950	GGAGGAGC G CCAGAGAA	4480	TTCTCTGG GGCTAGCTACAACGA GCTCCTCC	
9982 GAGAAGCA G UUGAAGAU 4482 ATCTTCAA GGCTAGCTACAACGA TGCTTCTC 21603 9989 GGGAGAUG G UGGAUGAG 4483 CTCATCCA GGCTAGCTACAACGA CATCTCCC 21604 9000 GAUGAGGA G CGCGAGGC 4485 GCCTCGCG GGCTAGCTACAACGA CATCTCCC 21605 9002 UGAGGAGC G CGAGGCAC 4485 GTGCCTCG GGCTAGCTACAACGA CCTCCTCAT 21605 9007 ACCGCGAG G CACAUCUG 4486 CAGATGTG GGCTAGCTACAACGA CTCCCCC 21607 9015 GCACAUCU G CGGGGGGA 4487 TCCCCCCG GGCTAGCTACAACGA CATCTCCC 21609 9026 GGGGGAU G UCCACCUU 4488 AAGTGTGA AGGCTACAACGA AGATGTGC 21609 9035 UCACACCUU G CAUUUACA 4489 TGTAAATG GGCTAGCTACAACGA AAGTGTGA 21610 9078 CCCGGGAG G UUCGGAAA 4490 TTTCCGAA GGCTAGCTACAACGA AAGTGTGA 21610 9078 CCCGGAGA G UUCGGAAA 4490 TTTCCGAA GGCTAGCTACAACGA TCTCCCGG 21611 9088 UCGGAAAG G CCAAGGCA 4491 TCCCTTGG GGCTAGCTACAACGA TCTCCCTGA 21612 9098 CAAGGGAA G CAAGGCCA 4492 TGGCTCTG GGCTAGCTACAACGA TCTCCTTG 21613 9103 GAAGCAGA G CCAUUUGG 4493 CCAATGAG GGCTAGCTACAACGA TCTCCTTG 21614 9111 GCCAUUUG G UGCUUGG 4494 CACATGAA GGCTAGCTACAACGA TCTCCTTC 21614 9112 UUCAUGUG G UUCAUGUG 4495 CCCAGGCA GGCTAGCTACAACGA TCTGCTTC 21614 9120 UUCAUGUG G UUCAUGUG 4496 GCTCCGAG GGCTAGCTACAACGA TCAACGA CAATGGC 21615 9120 UUCAUGUG G CUUGAGGC 4496 GCTCCGAG GGCTAGCTACAACGA TCAACGA CCAATGAA 21617 9127 GGCUCGG G UUUUUGG 4498 CCAAGGCA GGCTACCAACGA TCAACGA CCAATGAA 21617 9131 CGGAGCUC G UUUUUGG 4498 CCAAGAAG GGCTACCAACGA TCCAAGGA 21620 9148 AGUUCGAG G UUCCAGGU 4496 GCTCCGAG GGCTAGCTACAACGA TCCCAAGCC 21618 9149 GGCCUCG G UUUUUCA 4501 TGAGAAAA GGCTACAACGA TCCAAGAA 21620 9148 AGUUCGAG G UUCCAGGU 4500 ACCCCAGAG GGCTAGCTACAACGA CCAAGACC 21621 9177 GACCACUG G UUUGAGG 4501 TGAGAAAA GGCTACAACGA CCAAGACC 21621 9177 GACCACUG G UUGCAGGC 4505 GGCCCAAG GGCTAGCTACAACGA CCAAGACC 21622 9203 AGAGGGAG G UUGCAGAG 4500 ACCCCAGAG GGCTAGCTACAACGA CCAAGACC 21622 9218 GGGUUGG G UUGCAGGC 4505 GGCCCA			4481	TTCAACTG GGCTAGCTACAACGA TTCTCTGG	
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9000 GAUGAGGA G CGCGAGGC 4484 GCCTGGCG GGCTAGCTACAACGA TCCTCATC 21605 9002 UGAGGAGC C GAGGCAC 4485 GTGCCTCG GGCTAGCTACAACGA GCTCCTCA 21606 9007 AGCGCGAG G CACAUCUG 4486 CAGATGTG GGCTAGCTACAACGA GCTCCTCA 21607 9015 GCACAUCU G CGGGGGA 4487 TCCCCCCG GGCTAGCTACAACGA AGATGTGC 21608 9026 GGGGGAAU G UCACACUU 4488 AAGTGTGA GGCTAGCTACAACGA AGATGTGC 21609 9035 UCACACUU G CAUUUACA 4489 TGTAAATG GGCTAGCTACAACGA AAGTGTGA 21610 9078 CCCGGAGA G UUCAGAAA 4490 TTTCCCAA GGCTAGCTACAACGA AAGTGTGA 21610 9088 UCGGAAAG G CCAAGGGA 4491 TCCCTTGG GGCTAGCTACAACGA TTCCCCG 21612 9098 CAAGGGAA G CAGAGCCA 4492 TGGCTCTG GGCTAGCTACAACGA TTCCCTG 21613 9103 GAAGCAGA G CCAUUUGG 4493 CCAAATGG GGCTAGCTACAACGA TTCCCTTG 21613 9111 GCCAUUUG G UUCAUGUG 4494 CCACATGAA GGCTAGCTACAACGA TTCCCTTG 21614 9111 GCCAUUUG G UUCAUGUG 4495 CCGAGCCA GGCTAGCTACAACGA CAAATGGC 21616 9120 UUCAUGUG G UUCGAGAC 4496 GCTCCGAG GGCTAGCTACAACGA CAAATGGC 21616 9120 UUCAUGUG G CUUGCUG 4497 AAAGGGAG GGCTAGCTACAACGA ATGACCA 21616 9120 UUCAUGUG G CUUGCUG 4498 CCACATGAA GGCTAGCTACAACGA ATGACCA 21616 9121 GGGAGCUC G CUUUCUGG 4498 CCACATGAA GGCTAGCTACAACGA CACATGAA 21617 9127 GGCUCGGA G CUUGCUUU 4497 AAAGGCAG GGCTAGCTACAACGA CACATGAA 21617 9148 AGUUCGAG G CUUCGGGU 4498 CCACATGAA GGCTAGCTACAACGA CACATGAA 21617 9149 CGGAGCUC G CUUUCUGG 4498 CCACAGAA GGCTAGCTACAACGA TCCAGACC 21618 9140 AGUUCGAG G CUUCGGGU 4500 ACCCAGAG GGCTAGCTACAACGA CCCAGAAC 21620 9148 AGUUCGAG G CUUCGGGU 4500 ACCCAGAG GGCTAGCTACAACGA CCCAGAAC 21620 9148 AGUUCGAG G CUUCGGGU 4500 ACCCAGAG GGCTAGCTACAACGA CCCAGAAC 21620 9155 GGCUCGG G UUUCCUCA 4501 TGAGAAAA GGCTAGCTACAACGA CCCAGAAC 21620 9203 AGGAGGAG G UUCGAGG 4504 GCCTCGAA GGCTAGCTACAACGA CCCAGAAC 21622 9205 GAGGAGGU G CUUGGGGC 4504 GCCCTCGAA GGCTAGCTACAACGA CCCCCCCAA 21622 9206 GAGGAGG G UUCGAGG 4504 GCCCTCGAA GGCTAGCTACAACGA CCCCCCCCCAA 4506 GCCCCAGA GGCTAGCTACAACGA CCCCCCCCCAA 4506 CCCCCGAA GGCCCCCCAAA 4506 CCCCCGAA GGCCCCCCAAA 4506 CCCCCGAA GGCTAGCTACAACGA CCCCCCCCCAA 4506 GCCCCAGA GGCTAGCTACAACGA CCCCCCCCCCCCAA 4506 GCCCCCAGA GGCTAGCTACAACGA CCAGGCC 21627 9233 AAA		GGGAGAUG G UGGAUGAG	4483		
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9098 CAAGGGAA G CCAAGGCA 4491 TCCCTTGG GGCTAGCTACAACGA CTTTCCGA 21612 9098 CAAGGGAA G CAGAGCCA 4492 TGGCTCTG GGCTAGCTACAACGA TTCCCTTG 21613 9103 GAAGCAGA G CCAUUUGG 4493 CCAAATGG GGCTAGCTACAACGA TCTGCTTC 21614 9111 GCCAUUUG G UUCAUGUG 4494 CACATGAA GGCTAGCTACAACGA TCTGCTTC 21614 9117 UGGUUCAU G UGGCUCGG 4495 CCGAGCCA GGCTAGCTACAACGA ATGAACCA 21616 9120 UUCAUGUG G CUCGGAGC 4496 GCTCCGAG GGCTAGCTACAACGA ATGAACCA 21616 9127 GGCUCGGA G CUCGCUUU 4497 AAAGCGAG GGCTAGCTACAACGA CACATGAA 21617 9131 CGGAGCUC G CUUUCUGG 4498 CCAGAAAG GGCTAGCTACAACGA TCCAGACC 21618 9141 UUUCUGGA G UUCCAAGGC 4499 GCCTCGAA GGCTAGCTACAACGA TCCAGAAA 21620 9148 AGUUCGAG G CUCUGGGU 4500 ACCCAGAG GGCTAGCTACAACGA TCCAGAAA 21620 9155 GGCUCUGG G UUUUCUCA 4501 TGAGAAAA GGCTAGCTACAACGA CCAGAGCC 21622 9177 GACCACUG G CUUGGAAG 4502 CTTCCAAG GGCTAGCTACAACGA CCAGAGCC 21622 9203 AGGAGGAG G UGCAAGGC 4503 CCTCGACA GGCTAGCTACAACGA CCAGAGCC 21623 9204 AGGAGGAG G UGCGAGGC 4504 GCCCTCGA GGCTAGCTACAACGA CCAGAGCC 21624 9205 GAGGAGGU G UGCGAGGC 4504 GCCCTCGA GGCTAGCTACAACGA CCTCCTCC 21624 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA ACCTCCTC 21625 9218 GGGCUUGG G CUUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCCACA 21626 9218 GGGCUUGG G CUUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCCACA 21626 9218 GGGCUUGG G CUUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCCACAC 21627 9243 WACAUCCU G CGUGAAGUU 4508 ACTTCACG GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUU 4508 ACTTCACG GGCTAGCTACAACGA CCAGTTTT 21628 9250 UGCGUGAA G UUGCGACC 4509 CAACTTCA GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUUC 4509 CAACTTCA GGCTAGCTACAACGA CCAGTTTT 21629 9245 UGCGUGAA G UUGCGACC 4510 GGTAGCTACAACGA CCAGTTTT 21628			4490		
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9111 GCCAUUUG G UUCAUGUG 4494 CACATGAA GGCTAGCTACAACGA TCTGCTTC 21614 9117 UGGUUCAU G UGGCUCGG 4495 CCGAGCCA GGCTAGCTACAACGA CAAATGGC 21615 9120 UUCAUGUG G CUCGGAGC 4495 CCGAGCCA GGCTAGCTACAACGA ATGAACCA 21616 9127 GGCUCGGA G CUCGCUUU 4497 AAAGCGAG GGCTAGCTACAACGA CACATGAA 21617 9131 CGGAGCUC G CUUUCUGG 4498 CCAGAAAG GGCTAGCTACAACGA TCCGAGCC 21618 9141 UUUCUGGA G UUCGAGGC 4499 GCCTCGAA GGCTAGCTACAACGA TCCGAGCC 21619 9148 AGUUCGAG G CUCUGGGU 4500 ACCCAGAA GGCTAGCTACAACGA TCCAGAACT 21620 9155 GGCUCUGG G UUUUCUCA 4501 TGAGAAAA GGCTAGCTACAACGA CCAGAACT 21621 9177 GACCACUG G CUUGGAGG 4501 TGAGAAAA GGCTAGCTACAACGA CAGGAGCC 21622 9203 AGGAGGAG G UGUCGAGG 4503 CCTCGAAC AGCTAGCTACAACGA CAGTGGTC 21624 9205 GAGGAGGU G UCGAGGC 4504 GCCCTCGA GGCTAGCTACAACGA CTCCTCCT 21624 9212 UGUCGAGG C CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA CCTCCTC 21625 9218 GGGCUUGG G CUUCGAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCGACA 21626 9219 GGCCUUGG G CUUCGAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCAGACCC 21627 9218 GGGCUUGG G CUUCGAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCAGACCC 21627 9243 UACAUCCU G CGUGAAGU 4507 GGATGTAA GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA AGGATGTA 21629 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA AGGATGTA 21629 9254 UGAAGUUG G CACCCGC 4511 CCCCCTCT CAACGA CCAGGATG 21631			4492		
9117 UGGUUCAU G UGGCUCGG 4495 CCGAGCCA GGCTAGCTACAACGA CAAATGGC 21616 9120 UUCAUGUG G CUCGGAGC 4496 GCTCCGAG GGCTAGCTACAACGA ATGAACCA 21616 9127 GGCUCGGA G CUCGCUUU 4497 AAAGCGAG GGCTAGCTACAACGA CACATGAA 21617 9131 CGGAGCUC G CUUUCUGG 4498 CCAGAAAG GGCTAGCTACAACGA TCCGAGCC 21618 9141 UUUCUGGA G UUCGAGGC 4499 GCCTCGAA GGCTAGCTACAACGA TCCAGAAA 21620 9148 AGUUCGAG G CUCUGGGU 4500 ACCCAGAG GGCTAGCTACAACGA TCCAGAAA 21620 9155 GGCUCUGG G UUUUCUCA 4501 TGAGAAAA GGCTAGCTACAACGA CTCGAACT 21621 9177 GACCACUG G CUUGGAGG 4502 CTTCCAAG GGCTAGCTACAACGA CAGTGGTC 21622 9203 AGGAGGAG G UGUCGAGG 4503 CCTCCACA GGCTAGCTACAACGA CAGTGGTC 21623 9204 AGGAGGG G UUGGAGG 4504 GCCCTCGA GGCTAGCTACAACGA CTCCTCCT 21624 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA CCTCCTC 21625 9218 GGGCUUGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA CCTCCACA 21626 9233 AAAACUGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA CCTCGACA 21626 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA CCAGAGCC 21627 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA GCATGTTA 21629 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA CCAGTTTT 21628 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA CCAGTTTT 21628			4493	CCAAATGG GGCTAGCTACAACGA TCTGCTTC	+
9120 UUCAUGUG G CUCGGAGC 4496 GCTCCGAG GGCTAGCTACAACGA ATGAACCA 21616 9127 GGCUCGGA G CUCGCUUU 4497 AAAGCGAG GGCTAGCTACAACGA CACATGAA 21617 9127 GGCUCGGA G CUCUUCUGG 4498 CCAGAAAG GGCTAGCTACAACGA TCCGAGCC 21618 9131 CGGAGCUC G CUUUCUGG 4498 CCAGAAAG GGCTAGCTACAACGA GAGCTCCG 21619 9141 UUUCUGGA G UUCGAGGC 4499 GCCTCGAA GGCTAGCTACAACGA TCCAGAAA 21620 9148 AGUUCGAG G CUCUGGGU 4500 ACCCAGAA GGCTAGCTACAACGA TCCAGAAA 21620 9155 GGCUCUGG G UUUUCUCA 4501 TGAGAAAA GGCTAGCTACAACGA CCAGAGCC 21622 9177 GACCACUG G CUUGGAAG 4502 CTTCCAAG GGCTAGCTACAACGA CCAGAGCC 21622 9203 AGGAGGAG G UGUCGAGG 4503 CCTCGACA GGCTAGCTACAACGA CAGTGGTC 21623 9205 GAGGAGGU G UCGAGGGC 4504 GCCCTCGA GGCTAGCTACAACGA CTCCTCCT 21624 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA CCTCCTC 21625 9218 GGGCUUGG G CUUCGAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCACGCC 21627 9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAGAGCC 21627 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGGUG 4509 CAACTTCA GGCTAGCTACAACGA AGGATGTA 21629 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA AGGATGTA 21629 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA CCAGGATG 21630 9254 UGAAGUUG G CACCCGGC 4511 GGTGCCAA GGCTAGCTACAACGA TTCACGCA 21631			4494	CACATGAA GGCTAGCTACAACGA CAAATGGC	+
9127 GGCUCGGA G CUCGCUUU 4497 AAAGCGA GGCTAGCTACAACGA CACATGAA 21617 9131 CGGAGCUC G CUUUCUGG 4498 CCAGAAAG GGCTAGCTACAACGA TCCGAGCC 21618 9141 UUUCUGGA G UUCGAGGC 4499 GCCTCGAA GGCTAGCTACAACGA TCCAGAAA 21620 9148 AGUUCGAG G CUCUGGGU 4500 ACCCAGAA GGCTAGCTACAACGA TCCAGAAA 21620 9155 GGCUCUGG G UUUUCUCA 4501 TGAGAAAA GGCTAGCTACAACGA CTCGAACT 21621 9177 GACCACUG G CUUGGAGG 4502 CTTCCAAG GGCTAGCTACAACGA CCAGAGCC 21622 9203 AGGAGGAG G UGUCGAGG 4503 CCTCGACA GGCTAGCTACAACGA CAGTGGTC 21623 9205 GAGGAGGU G UCGAGGGC 4504 GCCCTCGA GGCTAGCTACAACGA CTCCTCCT 21624 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA CCTCCTC 21625 9218 GGGCUUGG G CUUCGAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCAGAGCC 21627 9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAGTTTT 21628 9243 UACAUCCU G CGUGAAGU 4508 ACTTCCAC GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUU 4508 ACTTCACG GGCTAGCTACAACGA AGGATGTA 21629 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA CCAGGATG 9250 UGCGUGAA G UUGGCACC 4511 GGTGCCAA GGTAGCTACAACGA CCAGGATG 21630 9254 UGAAGUUG G CACCCGGC 4511 GGTGCCAA GGTAGCTACAACGA TTCACGCA 21631			4495	CCGAGCCA GGCTAGCTACAACGA ATGAACCA	
9131 CGGAGCUC G CUUUCUGG 4498 CCAGAAAG GGCTAGCTACAACGA TCCGAGCC 21619 9141 UUUCUGGA G UUCGAGGC 4499 GCCTCGAA GGCTAGCTACAACGA GAGCTCCG 21619 9148 AGUUCGAG G CUCUGGGU 4500 ACCCAGAA GGCTAGCTACAACGA CTCGAACT 21621 9155 GGCUCUGG G UUUUCUCA 4501 TGAGAAAA GGCTAGCTACAACGA CCAGAGCC 21622 9177 GACCACUG G CUUGGAAG 4502 CTTCCAAG GGCTAGCTACAACGA CAGTGGTC 21622 9203 AGGAGGAG G UGUCGAGG 4503 CCTCGACA GGCTAGCTACAACGA CAGTGGTC 21623 9205 GAGGAGGU G UCGAGGGC 4504 GCCCTCGA GGCTAGCTACAACGA CTCCTCCT 21624 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA ACCTCCTC 21625 9218 GGGCUUGG G CCUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCGACA 21626 9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAGTCTT 21628 9243 UACAUCCU G CGUGAAGU 4508 ACTTCCAC GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUU 4508 ACTTCACG GGCTAGCTACAACGA AGGATGTA 21629 9250 UGCGUGAA G UUGGCACC 4510 GGCTCACAA GGCTAGCTACAACGA ACCAGTTT 21629 9250 UGCGUGAA G UUGGCACC 4510 GGCTCACAA GGCTAGCTACAACGA CCAGGATG 21630 9254 UGAAGUUG G CACCCGGC 4511 GCTCCCTCT CTCCCTCTCTCTCTCTCTCTCTCTCTCTC			4496	GCTCCGAG GGCTAGCTACAACGA CACATGAA	
9141 UJUCUGGA G UUCGAGGC 4499 GCCTCGAA GGCTACCTACAACGA GAGCTCCG 21619 9148 AGJUCGAG G CUCUGGGU 4500 ACCCAGAG GGCTAGCTACAACGA TCCAGAAA 21620 9155 GGCUCUGG G UJUUCUCA 4501 TGAGAAAA GGCTAGCTACAACGA CTCGAACT 21621 9177 GACCACUG G CUUGGAAG 4502 CTTCCAAG GGCTAGCTACAACGA CAGTGGTC 21622 9203 AGGAGGAG G UGUCGAGG 4503 CCTCGACA GGCTAGCTACAACGA CAGTGGTC 21623 9205 GAGGAGGU G UCGAGGG 4504 GCCCTCGA GGCTAGCTACAACGA CTCCTCCT 21624 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA ACCTCCTC 21625 9218 GGGCUUGG G CCUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCGACA 21626 9233 AAAACUGG G UJUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAGTCTT 21628 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA ACGATTTT 21628 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA AGGATGTA 21629 9250 UGCGUGAA G UJGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA CCAGGATG 21630 9254 UGAAGUUG G CACCCGGC 4511 GGTGCCAA GGCTAGCTACAACGA TTCACGCA 21631			4497	AAAGCGAG GGCTAGCTACAACGA TCCGAGCC	
9141 DUDICUIGIA G UUCGAGGC 4499 GCCTCGAA GGCTAGCTACAACGA TCCAGAAA 21620 9148 AGUUCGAG G CUCUGGGU 4500 ACCCAGAG GGCTAGCTACAACGA CTCGAACT 21621 9155 GGCUCUGG G UUUUCUCA 4501 TGAGAAAA GGCTAGCTACAACGA CCAGAGCC 21622 9177 GACCACUG G CUUGGAAG 4502 CTTCCAAG GGCTAGCTACAACGA CAGTGGTC 21623 9203 AGGAGGAG G UGUCGAGG 4503 CCTCGACA GGCTAGCTACAACGA CTCCTCCT 21624 9205 GAGGAGGU G UCGAGGGC 4504 GCCCTCGA GGCTAGCTACAACGA CTCCTCCT 21624 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA ACCTCCTC 21625 9218 GGGCUUGG G CCUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCAGACCC 21627 9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCAACGA CCAGTTTT 21628 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA AGGATGTA 21629 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA GCAGGATG 21630 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA TTCACGCA 21631			4498	CCAGAAAG GGCTAGCTACAACGA GAGCTCCG	
ASUUCGAG G CUCUGGGU 4500 ACCCAGAG GGCTAGCTACAACGA CTCGAACT 21621 9155 GGCUCUGG G UUUUCUCA 4501 TGAGAAAA GGCTAGCTACAACGA CCAGAGCC 21622 9177 GACCACUG G CUUGGAAG 4502 CTTCCAAG GGCTAGCTACAACGA CAGTGGTC 21623 9203 AGGAGGAG G UGUCGAGG 4503 CCTCGACA GGCTAGCTACAACGA CTCCTCCT 21624 9205 GAGGAGGU G UCGAGGGC 4504 GCCCTCGA GGCTAGCTACAACGA ACCTCCTC 21625 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA ACCTCCTC 21625 9218 GGGCUUGG G CCUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCGACA 21626 9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAGTTTT 21628 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA ACGATTT 21628 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA GCAGGATG 21630 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA TTCACGCA 21631			4499	GCCTCGAA GGCTAGCTACAACGA TCCAGAAA	
9177 GACCACUG G CUUGGAAG 4501 TGAGAAAA GGCTAGCTACAACGA CCAGAGCC 21622 9203 AGGAGGAG G CUUGGAAG 4502 CTTCCAAG GGCTAGCTACAACGA CAGTGGTC 21623 9205 GAGGAGGU G UCGAGGGC 4504 GCCCTCGA GGCTAGCTACAACGA CTCCTCCT 21624 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA ACCTCCTC 21625 9218 GGGCUUGG G CCUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCGACA 21626 9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAGTTTT 21628 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA GCAGGATG 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA CCAGCAC 21630 9254 UGAAGUUG G CACCCGGC 4511 GGTGCCAA GGCTAGCTACAACGA TTCACGCA 21631			4500	ACCCAGAG GGCTAGCTACAACGA CTCGAACT	
9203 AGGAGGAG G UGUCGAGG 4503 CCTCCAAG GGCTAGCTACAACGA CAGTGGTC 21623 9205 GAGGAGGU G UCGAGGC 4504 GCCCTCGA GGCTAGCTACAACGA CTCCTCCT 21624 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA ACCTCCTC 21625 9218 GGGCUUGG G CCUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCGACA 21626 9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAGTTTT 21628 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA AGGATGTA 21629 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA GCAGGATG 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA TTCACGCA 21631				TGAGAAAA GGCTAGCTACAACGA CCAGAGCC	
9205 GAGGAGGU G UCGAGGC 4504 GCCCCGACA GGCTACCTACAACGA CTCCTCCT 21624 9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA ACCTCCTC 21625 9218 GGGCUUGG G CCUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCGACA 21626 9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCAACGA CCAAGCCC 21627 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA AGGATGTA 21629 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA TTCACGCA 21631			4502	CTTCCAAG GGCTAGCTACAACGA CAGTGGTC	
9212 UGUCGAGG G CUUGGGCC 4505 GGCCCAAG GGCTAGCTACAACGA ACCTCCTC 21625 9218 GGGCUUGG G CCUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCGACA 21626 9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAGGCCC 21627 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA AGGATGTA 21629 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA TTCACGCA 21631				CCTCGACA GGCTAGCTACAACGA CTCCTCCT	+
9218 GGGCUUGG G CCUCCAAA 4506 TTTGGAGG GGCTAGCTACAACGA CCTCGACA 21626 9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAGGTTT 21628 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA AGGATGTA 21629 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA TTCACGCA 21631				GCCCTCGA GGCTAGCTACAACGA ACCTCCTC	
9233 AAAACUGG G UUACAUCC 4507 GGATGTAA GGCTAGCTACAACGA CCAAGCCC 21627 9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA AGGATGTA 21629 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA TCACGCA 21631			4505	GGCCCAAG GGCTAGCTACAACGA CCTCGACA	
9243 UACAUCCU G CGUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA CCAGTTTT 21628 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA AGGATGTA 21629 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA GCAGGATG 21630 9254 UGAAGUUG G CACCCGGC 4511 GCCCCGCC 21631				TTTGGAGG GGCTAGCTACAACGA CCAAGCCC	
9245 DACADCCO G CSUGAAGU 4508 ACTTCACG GGCTAGCTACAACGA AGGATGTA 21629 9245 CAUCCUGC G UGAAGUUG 4509 CAACTTCA GGCTAGCTACAACGA GCAGGATG 21630 9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA TTCACGCA 21631 9254 UGAAGUUG G CACCCGGC 4511 GCCCCGT CACCGT TTCACGCA 21631					
9250 UGCGUGAA G UUGGCACC 4510 GGTGCCAA GGCTAGCTACAACGA GCAGGATG 21630 9254 UGAAGUUG G CACCCGGC 4511 GCCCCGTG CTACAACGA TTCACGCA 21631				ACTICACG GGCTAGCTACAACGA AGGATGTA	
9254 UGAAGUUG G CACCCGGC 4511 GCCCCGTG CGCTAGCTACAACGA TTCACGCA 21631				CAACTTCA GGCTAGCTACAACGA GCAGGATG	
JEST UGAAGUUG G CACCCGGC 4511 CCCCCGTT CCCCCTTT CCCCTTT CCCCCTTT CCCCTTT CCCCTTT CCCCTTT CCCCTTT CCCCTTT CCCCCTTT CCCCTTT CCCCTTT CCCCTTT CCCCTTT CCCCTTT CCCCTTT CCCCTTT CCCCTTT CCCCTTT CCCCCTTT CCCCTTT CCCTTT CCCCTTT CCCTTT CCCCTTT CCCCTTT CCCTTT CCCCTTT CCCTTT CCCCTTT CCCTTT CCCTTT CCCCTTT CCCTTT CCCCTTT CCCCTTT CCCTTT CCCCTTT CCCTTT CCCCTTT CCCCTTT CCCCTTT CCCTTT CCCTTT CCCTTT CCCTTT CCCCTTT CCCTTT CCCCTTT CCCTTT				GGTGCCAA GGCTAGCTACAACGA TTCACGCA	
	7234]	GAAGUUG G CACCCGGC	4511	GCCGGGTG GGCTAGCTACAACGA CAACTTCA	

		1	able VI	
9261	GGCACCCG G CCUGGGGG	4512	CCCCCAGG GGCTAGCTACAACGA CGGGTGCC	21633
9269	GCCUGGGG G CAAGAUCU	4513	AGATCTTG GGCTAGCTACAACGA CCCCAGGC	21634
9280	AGAUCUAU G CUGAUGAC	4514	GTCATCAG GGCTAGCTACAACGA ATAGATCT	21635
9292	AUGACACA G CUGGCUGG	4515	CCAGCCAG GGCTAGCTACAACGA TGTGTCAT	21636
9296	CACAGCUG G CUGGGACA	4516	TGTCCCAG GGCTAGCTACAACGA CAGCTGTG	21637
9308	GGACACCC G CAUCACGA	4517	TCGTGATG GGCTAGCTACAACGA GGGTGTCC	21638
9319	UCACGAGA G CUGACUUG	4518	CAAGTCAG GGCTAGCTACAACGA TCTCGTGA	21639
9337	AAAAUGAA G CUAAGGUG	4519	CACCTTAG GGCTAGCTACAACGA TTCATTTT	21640
9343	AAGCUAAG G UGCUUGAG	4520	CTCAAGCA GGCTAGCTACAACGA CTTAGCTT	21641
9345	GCUAAGGU G CUUGAGCU	4521	AGCTCAAG GGCTAGCTACAACGA ACCTTAGC	21642
9351	GUGCUUGA G CUGCUUGA	4522	TCAAGCAG GGCTAGCTACAACGA TCAAGCAC	21643
9354	CUUGAGCU G CUUGAUGG	4523	CCATCAAG GGCTAGCTACAACGA AGCTCAAG	21644
9372	GAACAUCG G CGUCUUGC	4524	GCAAGACG GGCTAGCTACAACGA CGATGTTC	21645
9374	ACAUCGGC G UCUUGCCA	4525	TGGCAAGA GGCTAGCTACAACGA GCCGATGT	21646
9379	GGCGUCUU G CCAGGGCC	4526	GGCCCTGG GGCTAGCTACAACGA AAGACGCC	21647
9385	UUGCCAGG G CCAUCAUU	4527	AATGATGG GGCTAGCTACAACGA CCTGGCAA	21648
9396	AUCAUUGA G CUCACCUA	4528	TAGGTGAG GGCTAGCTACAACGA TCAATGAT	21649
9407	CACCUAUC G UCACAAAG	4529	CTTTGTGA GGCTAGCTACAACGA GATAGGTG	21650
9415	GUCACAAA G UUGUGAAA	4530	TTTCACAA GGCTAGCTACAACGA TTTGTGAC	21651
9418	ACAAAGUU G UGAAAGUG	4531	CACTITCA GGCTAGCTACAACGA AACTITGT	21652
9424	UUGUGAAA G UGAUGCGC	4532	GCGCATCA GGCTAGCTACAACGA TTTCACAA	21653
9429	AAAGUGAU G CGCCCGGC	4533	GCCGGGCG GGCTAGCTACAACGA ATCACTTT	21654
9431	AGUGAUGC G CCCGGCUG	4534	CAGCCGGG GGCTAGCTACAACGA GCATCACT	21655
9436	UGCGCCCG G CUGCUGAU	4535	ATCAGCAG GGCTAGCTACAACGA CGGGCGCA	21656
9439	GCCCGGCU G CUGAUGGA	4536	TCCATCAG GGCTAGCTACAACGA AGCCGGGC	21657
9454	GAAGAACC G UCAUGGAU	4537	ATCCATGA GGCTAGCTACAACGA GGTTCTTC	21658
9463	UCAUGGAU G UUAUCUCC	4538	GGAGATAA GGCTAGCTACAACGA ATCCATGA	21659
9491	GAGGGGGA G UGGACAAG	4539	CTTGTCCA GGCTAGCTACAACGA TCCCCCTC	21660
9499	GUGGACAA G UUGUCACC	4540	GGTGACAA GGCTAGCTACAACGA TTGTCCAC	21661
9502	GACAAGUU G UCACCUAC	4541	GTAGGTGA GGCTAGCTACAACGA AACTTGTC	21662
9511	UCACCUAC G CCCUAAAC	4542	GTTTAGGG GGCTAGCTACAACGA GTAGGTGA	21663
9535	CCAACCUG G CCGUCCAG	4543	CTGGACGG GGCTAGCTACAACGA CAGGTTGG	21664
9538	ACCUGGCC G UCCAGCUG	4544	CAGCTGGA GGCTAGCTACAACGA GGCCAGGT	21665
9543	GCCGUCCA G CUGGUGAG	4545	CTCACCAG GGCTAGCTACAACGA TGGACGGC	21666
9547	UCCAGCUG G UGAGGAUG	4546	CATCCTCA GGCTAGCTACAACGA CAGCTGGA	21667
9571	GGGAAGGA G UGAUUGGC	4547	GCCAATCA GGCTAGCTACAACGA TCCTTCCC	21668
9578	AGUGAUUG G CCCAGAUG	4548	CATCTGGG GGCTAGCTACAACGA CAATCACT	21669
9589	CAGAUGAU G UGGAGAAA	4549	TTTCTCCA GGCTAGCTACAACGA ATCATCTG	21670
9622	GACCCAAA G UCAGGACC	4550	GGTCCTGA GGCTAGCTACAACGA TTTGGGTC	21671
9633	AGGACCUG G CUGUUUGA	4551	TCAAACAG GGCTAGCTACAACGA CAGGTCCT	21672
9636	ACCUGGCU G UUUGAGAA	4552	TTCTCAAA GGCTAGCTACAACGA AGCCAGGT	21673
9662	AAGACUCA G CCGCAUGG	4553	CCATGCGG GGCTAGCTACAACGA TGAGTCTT	21674
9665	ACUCAGCC G CAUGGCUG	4554	CAGCCATG GGCTAGCTACAACGA GGCTGAGT	21675
9670	GCCGCAUG G CUGUCAGU	4555	ACTGACAG GGCTAGCTACAACGA CATGCGGC	21676
9673	GCAUGGCU G UCAGUGGA	4556	TCCACTGA GGCTAGCTACAACGA AGCCATGC	21677
9677	GGCUGUCA G UGGAGAUG	4557	CATCTCCA GGCTAGCTACAACGA TGACAGCC	21678
9689	AGAUGACU G UGUGGUAA	4558	TTACCACA GGCTAGCTACAACGA AGTCATCT	21679
9691	AUGACUGU G UGGUAAAG	4559	CTTTACCA GGCTAGCTACAACGA ACAGTCAT	21680
9694	ACUGUGUG G UAAAGCCC	4560	GGGCTTTA GGCTAGCTACAACGA CACACAGT	21681
9699	GUGGUAAA G CCCCUGGA	4561	TCCAGGGG GGCTAGCTACAACGA TTTACCAC	21682
9713	GGACGAUC G CUUUGCCA	4562	TGGCAAAG GGCTAGCTACAACGA GATCGTCC	21683
9718	AUCGCUUU G CCACCUCG	4563	CGAGGTGG GGCTAGCTACAACGA AAAGCGAT	21684
9726	GCCACCUC G CUCCACUU	4564	AAGTGGAG GGCTAGCTACAACGA GAGGTGGC	21685
9742	UCCUCAAU G CUAUGUCA	4565	TGACATAG GGCTAGCTACAACGA ATTGAGGA	21686
9747	AAUGCUAU G UCAAAGGU	4566	ACCTTTGA GGCTAGCTACAACGA ATAGCATT	21687
9754	UGUCAAAG G UUCGCAAA	4567	TTTGCGAA GGCTAGCTACAACGA CTTTGACA	21688
9758	AAAGGUUC G CAAAGACA	4568	TGTCTTTG GGCTAGCTACAACGA GAACCTTT	21689
9774	AUCCAAGA G UGGAAACC	4569	GGTTTCCA GGCTAGCTACAACGA TCTTGGAT	21690
9783	UGGAAACC G UCAACUGG	4570	CCAGTTGA GGCTAGCTACAACGA GGTTTCCA	21691
9795	ACUGGAUG G UAUGAUUG	4571	CAATCATA GGCTAGCTACAACGA CATCCAGT	21692
9804	UAUGAUUG G CAGCAGGU	4572	ACCTGCTG GGCTAGCTACAACGA CAATCATA	21693
9807	GAUUGGCA G CAGGUUCC	4573	GGAACCTG GGCTAGCTACAACGA TGCCAATC	21694

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9811	GGCAGCAG G UUCCAUUU	4574	AAATGGAA GGCTAGCTACAACGA CTGCTGCC	21699
9821	UCCAUUUU G CUCAAACC	4575	GGTTTGAG GGCTAGCTACAACGA AAAATGGA	21696
9868	GAACACUG G UGGUUCCA	4576	TGGAACCA GGCTAGCTACAACGA CAGTGTTC	21697
9871	CACUGGUG G UUCCAUGC	4577	GCATGGAA GGCTAGCTACAACGA CACCAGTG	21698
9878	GGUUCCAU G CCGAGGAC	4578	GTCCTCGG GGCTAGCTACAACGA ATGGAACC	21699
9898	AUGAAUUG G UAGGCAGA	4579	TCTGCCTA GGCTAGCTACAACGA CAATTCAT	21700
9902	AUUGGUAG G CAGAGCUC	4580	GAGCTCTG GGCTAGCTACAACGA CTACCAAT	21701
9907	UAGGCAGA G CUCGCAUA	4581	TATGCGAG GGCTAGCTACAACGA TCTGCCTA	21702
9911	CAGAGCUC G CAUAUCUC	4582	GAGATATG GGCTAGCTACAACGA GAGCTCTG	21703
9925	CUCCAGGG G CCGGAUGG	4583	CCATCCGG GGCTAGCTACAACGA CCCTGGAG	21704
9937	GAUGGAAC G UCCGCGAC	4584	GTCGCGGA GGCTAGCTACAACGA GTTCCATC	21705
9941	GAACGUCC G CGACACUG	4585	CAGTGTCG GGCTAGCTACAACGA GGACGTTC	21706
9949	GCGACACU G CUUGUCUG	4586	CAGACAAG GGCTAGCTACAACGA AGTGTCGC	21707
9958	CACUGCUU G UCUGGCUA	4587	TAGCCAGA GGCTAGCTACAACGA AAGCAGTG	21708
9963	CUUGUCUG G CUAAGUCU	4588	AGACTTAG GGCTAGCTACAACGA CAGACAAG	21709
9970	CUGGCUAA G UCUUAUGC	4589	GCATAAGA GGCTAGCTACAACGA TTAGCCAG	21710
9978	AGUCUUAU G CCCAGAUG GCCCAGAU G UGGCUGCU	4590	CATCTGGG GGCTAGCTACAACGA ATAAGACT	21711
9981		4591	AGCAGCCA GGCTAGCTACAACGA ATCTGGGC	21712
9984	AUGUGGCU G CUGCUUCU AUGUGGCU G CUUCUGUA	4592	AGAAGCAG GGCTAGCTACAACGA CACATCTG	21713
9990	CUGCUUCU G UACUUCCA	4593	TACAGAAG GGCTAGCTACAACGA AGCCACAT	21714
10011	AGAGACCU G CGGCUCAU	4594	TGGAAGTA GGCTAGCTACAACGA AGAAGCAG	21715
10014	GACCUGCG G CUCAUGGC	4596	ATGAGCCG GGCTAGCTACAACGA AGGTCTCT	21716
10021	GGCUCAUG G CCAACGCC	4597	GCCATGAG GGCTAGCTACAACGA CGCAGGTC	21717
10027	UGGCCAAC G CCAUUUGC	4598	GGCGTTGG GGCTAGCTACAACGA CATGAGCC	21718
10034	CGCCAUUU G CUCCGCUG	4599	GCAAATGG GGCTAGCTACAACGA GTTGGCCA	21719
10039	UUUGCUCC G CUGUCCCU	4600	CAGCGGAG GGCTAGCTACAACGA AAATGGCG AGGGACAG GGCTAGCTACAACGA GGAGCAAA	21720
10042	GCUCCGCU G UCCCUGUG	4601	CACAGGGA GGCTAGCTACAACGA GGAGCAAA CACAGGGA GGCTAGCTACAACGA AGCGGAGC	21721
10048	CUGUCCCU G UGAAUUGG	4602	CCAATTCA GGCTAGCTACAACGA AGCGGACAG	21722
10057	UGAAUUGG G UCCCUACC	4603	GGTAGGGA GGCTAGCTACAACGA CCAATTCA	21723
10077	AGAACCAC G UGGUCCAU	4604	ATGGACCA GGCTAGCTACAACGA GTGGTTCT	21724
10080	ACCACGUG G UCCAUCCA	4605	TGGATGGA GGCTAGCTACAACGA CACGTGGT	21725
10090	CCAUCCAU G CAGGAGGA	4606	TCCTCCTG GGCTAGCTACAACGA ATGGATGG	21727
10101	GGAGGAGA G UGGAUGAC	4607	GTCATCCA GGCTAGCTACAACGA TCTCCTCC	21728
10122	GAGGACAU G UUGGAGGU	4608	ACCTCCAA GGCTAGCTACAACGA ATGTCCTC	21729
10129	UGUUGGAG G UCUGGAAC	4609	GTTCCAGA GGCTAGCTACAACGA CTCCAACA	21730
10139	CUGGAACC G UGUUUGGA	4610	TCCAAACA GGCTAGCTACAACGA GGTTCCAG	21731
10141	GGAACCGU G UUUGGAUA	4611	TATCCAAA GGCTAGCTACAACGA ACGGTTCC	21732
10183	AAACCCCA G UGGAGAAA	4612	TTTCTCCA GGCTAGCTACAACGA TGGGGTTT	21733
10196	GAAAUGGA G UGACGUCC	4613	GGACGTCA GGCTAGCTACAACGA TCCATTTC	21734
10233	GGAGUGAC G UCCCAUAU	4614	ATATGGGA GGCTAGCTACAACGA GTCACTCC	21735
10235	GACAUCUG G UGUGGCAG	4615	CTGCCACA GGCTAGCTACAACGA CAGATGTC	21736
10238	CAUCUGGU G UGGCAGCC CUGGUGUG G CAGCCUGA	4616	GGCTGCCA GGCTAGCTACAACGA ACCAGATG	21737
10241	GUGUGGCA G CCUGAUUG	4617	TCAGGCTG GGCTAGCTACAACGA CACACCAG	21738
10250	CCUGAUUG G CACAAGAG	4618	CAATCAGG GGCTAGCTACAACGA TGCCACAC	21739
10258	GCACAAGA G CCCGAGCC	4620	CTCTTGTG GGCTAGCTACAACGA CAATCAGG	21740
10264	GAGCCCGA G CCACGUGG	4621	GGCTCGGG GGCTAGCTACAACGA TCTTGTGC	21741
10269	CGAGCCAC G UGGGCAGA	4622	CCACGTGG GGCTAGCTACAACGA TCGGGCTC	21742
10273	CCACGUGG G CAGAAAAC	4623	TCTGCCCA GGCTAGCTACAACGA GTGGCTCG GTTTTCTG GGCTAGCTACAACGA CCACGTGG	21743
10288	ACAUCCAG G UGGCUAUC	4624	GATAGCCA GGCTAGCTACAACGA CCACGTGG	21744
10291	UCCAGGUG G CUAUCAAC	4625	GTTGATAG GGCTAGCTACAACGA CACCTGGA	21745
10303	UCAACCAA G UCAGAGCA	4626	TGCTCTGA GGCTAGCTACAACGA TTGGTTGA	21746
10309	AAGUCAGA G CAAUCAUC	4627	GATGATTG GGCTAGCTACAACGA TCTGACTT	21747
10329	GAUGAGAA G UAUGUGGA	4628	TCCACATA GGCTAGCTACAACGA TCTCATC	21748
10333	AGAAGUAU G UGGAUUAC	4629	GTAATCCA GGCTAGCTACAACGA ATACTTCT	21749
10346	UUACAUGA G UUCACUAA	4630	TTAGTGAA GGCTAGCTACAACGA TCATGTAA	21750
10378	CAACUUUG G UUGAGGAC	4631	GTCCTCAA GGCTAGCTACAACGA CAAAGTTG	21751
10390	AGGACACA G UACUGUAG	4632	CTACAGTA GGCTAGCTACAACGA TGTGTCCT	21752
10395	ACAGUACU G UAGAUAUU	4633	AATATCTA GGCTAGCTACAACGA AGTACTGT	21753 21754
10413	AAUCAAUU G UAAAUAGA	4634	TCTATTTA GGCTAGCTACAACGA AATTGATT	21755
10430	CAAUAUAA G UAUGCAUA	4635	TATGCATA GGCTAGCTACAACGA TTATATTG	21756

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10434	AUAAGUAU G CAUAAAAG	4636	CTTTTATG GGCTAGCTACAACGA ATACTTAT	21757
10442	GCAUAAAA G UGUAGUUU	4637	AAACTACA GGCTAGCTACAACGA TTTTATGC	21758
10444	AUAAAAGU G UAGUUUUA	4638	TAAAACTA GGCTAGCTACAACGA ACTTTTAT	21759
10447	AAAGUGUA G UUUUAUAG	4639	CTATAAAA GGCTAGCTACAACGA TACACTTT	21760
10455	GUUUUAUA G UAGUAUUU	4640	AAATACTA GGCTAGCTACAACGA TATAAAAC	21761
10458	UUAUAGUA G UAUUUAGU	4641	ACTAAATA GGCTAGCTACAACGA TACTATAA	21762
10465	AGUAUUUA G UGGUGUUA	4642	TAACACCA GGCTAGCTACAACGA TAAATACT	21763
10468	AUUUAGUG G UGUUAGUG	4643	CACTAACA GGCTAGCTACAACGA CACTAAAT	21764
10470	UUAGUGGU G UUAGUGUA	4644	TACACTAA GGCTAGCTACAACGA ACCACTAA	21765
10474	UGGUGUUA G UGUAAAUA	4645	TATTTACA GGCTAGCTACAACGA TAACACCA	21766
10476	GUGUUAGU G UAAAUAGU	4646	ACTATTTA GGCTAGCTACAACGA ACTAACAC	21767
10483	UGUAAAUA G UUAAGAAA	4647	TTTCTTAA GGCTAGCTACAACGA TATTTACA	21768
10506	AGGAGAAA G UCAGGCCG	4648	CGGCCTGA GGCTAGCTACAACGA TTTCTCCT	21769
10511	AAAGUCAG G CCGGGAAG	4649	CTTCCCGG GGCTAGCTACAACGA CTGACTTT	21770
10519	GCCGGGAA G UUCCCGCC	4650	GGCGGGAA GGCTAGCTACAACGA TTCCCGGC	21771
10525	AAGUUCCC G CCACCGGA	4651	TCCGGTGG GGCTAGCTACAACGA GGGAACTT	21772
10535	CACCGGAA G UUGAGUAG	4652	CTACTCAA GGCTAGCTACAACGA TTCCGGTG	21773
10540	GAAGUUGA G UAGACGGU	4653	ACCGTCTA GGCTAGCTACAACGA TCAACTTC	21774
10547	AGUAGACG G UGCUGCCU	4654	AGGCAGCA GGCTAGCTACAACGA CGTCTACT	21775
10549	UAGACGGU G CUGCCUGC	4655	GCAGGCAG GGCTAGCTACAACGA ACCGTCTA	21776
10552	ACGGUGCU G CCUGCGAC	4656	GTCGCAGG GGCTAGCTACAACGA AGCACCGT	21777
10556	UGCUGCCU G CGACUCAA	4657	TTGAGTCG GGCTAGCTACAACGA AGGCAGCA	21778
10580	AGGACUGG G UGAACAAA	4658	TTTGTTCA GGCTAGCTACAACGA CCAGTCCT	21779
10589	UGAACAAA G CCGCGAAG	4659	CTTCGCGG GGCTAGCTACAACGA TTTGTTCA	21780
10592	ACAAAGCC G CGAAGUGA	4660	TCACTTCG GGCTAGCTACAACGA GGCTTTGT	21781
10597	GCCGCGAA G UGAUCCAU	4661	ATGGATCA GGCTAGCTACAACGA TTCGCGGC	21782
10606	UGAUCCAU G UAAGCCCU	4662	AGGGCTTA GGCTAGCTACAACGA ATGGATCA	21783
10610	CCAUGUAA G CCCUCAGA	4663	TCTGAGGG GGCTAGCTACAACGA TTACATGG	21784
10622	UCAGAACC G UCUCGGAA	4664	TTCCGAGA GGCTAGCTACAACGA GGTTCTGA	21785
10645	CCCCACAU G UUGUAACU	4665	AGTTACAA GGCTAGCTACAACGA ATGTGGGG	21786
10648	CACAUGUU G UAACUUCA	4666	TGAAGTTA GGCTAGCTACAACGA AACATGTG	21787
10659	ACUUCAAA G CCCAAUGU	4667	ACATTGGG GGCTAGCTACAACGA TTTGAAGT	21788
10666	AGCCCAAU G UCAGACCA	4668	TGGTCTGA GGCTAGCTACAACGA ATTGGGCT	21789
10676	CAGACCAC G CUACGGCG	4669	CGCCGTAG GGCTAGCTACAACGA GTGGTCTG	21790
10682	ACGCUACG G CGUGCUAC	4670	GTAGCACG GGCTAGCTACAACGA CGTAGCGT	21791
10684	GCUACGGC G UGCUACUC	4671	GAGTAGCA GGCTAGCTACAACGA GCCGTAGC	21792
10686	UACGGCGU G CUACUCUG	4672	CAGAGTAG GGCTAGCTACAACGA ACGCCGTA	21793
10694	GCUACUCU G CGGAGAGU	4673	ACTCTCCG GGCTAGCTACAACGA AGAGTAGC	21794
10701	UGCGGAGA G UGCAGUCU	4674	AGACTGCA GGCTAGCTACAACGA TCTCCGCA	21795
10703	CGGAGAGU G CAGUCUGC	4675	GCAGACTG GGCTAGCTACAACGA ACTCTCCG	21796
10706	AGAGUGCA G UCUGCGAU	4676	ATCGCAGA GGCTAGCTACAACGA TGCACTCT	21797
10710	UGCAGUCU G CGAUAGUG	4677	CACTATCG GGCTAGCTACAACGA AGACTGCA	21798
10716	CUGCGAUA G UGCCCCAG	4678	CTGGGGCA GGCTAGCTACAACGA TATCGCAG	21799
10718	GCGAUAGU G CCCCAGGA	4679	TCCTGGGG GGCTAGCTACAACGA ACTATCGC	21800
10734	AGGACUGG G UUAACAAA	4680	TTTGTTAA GGCTAGCTACAACGA CCAGTCCT	21801
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10770	CCCACGCG G CCCUAGCC CGGCCCUA G CCCCGGUA	4684	GGCTAGGG GGCTAGCTACAACGA CGCGTGGG	21805
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10827	GAGACCCC G CGGUUUAA	4691	TTAAACCG GGCTAGCTACAACGA GGGGTCTC	21812
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10834	GGUUUAAA G UGCACGGC	4693	GCCGTGCA GGCTAGCTACAACGA TTTAAACC	21814
10841	UUUAAAGU G CACGGCCC	4694	GGGCCGTG GGCTAGCTACAACGA ACTTTAAA	21815
10841	AGUGCACG G CCCAGCCU	4695	AGGCTGGG GGCTAGCTACAACGA CGTGCACT	21816
10857	ACGGCCCA G CCUGACUG	4696	CAGTCAGG GGCTAGCTACAACGA TGGGCCGT	21817
-555/	UGACUGAA G CUGUAGGU	4697	ACCTACAG GGCTAGCTACAACGA TTCAGTCA	21818

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10860		4698	CTGACCTA GGCTAGCTACAACGA AGCTTCAG	21819
10864	1	4699	TCCCCTGA GGCTAGCTACAACGA CTACAGCT	21820
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10900		4703	TTTTGTGG GGCTAGCTACAACGA ACGGGGTC	21824
10924	ACAAAACA G CAUAUUGA	4704	TCAATATG GGCTAGCTACAACGA TGTTTTGT	21825
10960	GAUCUUCU G CUCUGCAC	4705	GTGCAGAG GGCTAGCTACAACGA AGAAGATC	21826
10965	UCUGCUCU G CACAACCA	4706	TGGTTGTG GGCTAGCTACAACGA AGAGCAGA	21827
10974	CACAACCA G CCACACGG	4707	CCGTGTGG GGCTAGCTACAACGA TGGTTGTG	21828
10982		4708	GCACTGTG GGCTAGCTACAACGA CGTGTGGC	21829
10987	THE STATE OF THE S	4709	TCGGCGCA GGCTAGCTACAACGA TGTGCCGT	21830
10989		4710	TGTCGGCG GGCTAGCTACAACGA ACTGTGCC	21831
10991	CACAGUGC G CCGACAAU	4711	ATTGTCGG GGCTAGCTACAACGA GCACTGTG	21832
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11004	CAAUGGUG G CUGGUGGU	4713	ACCACCAG GGCTAGCTACAACGA CACCATTG	21834
11008	GGUGGCUG G UGGUGCGA	4714	TCGCACCA GGCTAGCTACAACGA CAGCCACC	21835
11011	GGCUGGUG G UGCGAGAA	4715	TTCTCGCA GGCTAGCTACAACGA CACCAGCC	21836
11013	CUGGUGGU G CGAGAACA	4716	TGTTCTCG GGCTAGCTACAACGA ACCACCAG	21837
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51	GAGGAUUA A CAACAAUU	4720	AATTGTTG GGCTAGCTACAACGA TAATCCTC	21841
54	GAUUAACA A CAAUUAAC	4721	GTTAATTG GGCTAGCTACAACGA TGTTAATC	21842
57	UAACAACA A UUAACACA	4722	TGTGTTAA GGCTAGCTACAACGA TGTTGTTA	21843
61	AACAAUUA A CACAGUGC	4723	GCACTGTG GGCTAGCTACAACGA TAATTGTT	21844
91	GCACGAAG A UCUCGAUG	4724	CATCGAGA GGCTAGCTACAACGA CTTCGTGC	21845
97	AGAUCUCG A UGUCUAAG	4725	CTTAGACA GGCTAGCTACAACGA CGAGATCT	21846
108	UCUAAGAA A CCAGGAGG	4726	CCTCCTGG GGCTAGCTACAACGA TTCTTAGA	21847
140	GGCUGUCA A UAUGCUAA	4727	TTAGCATA GGCTAGCTACAACGA TGACAGCC	21848
150	AUGCUAAA A CGCGGAAU	4728	ATTCCGCG GGCTAGCTACAACGA TTTAGCAT	21849
157	AACGCGGA A UGCCCCGC	4729	GCGGGGCA GGCTAGCTACAACGA TCCGCGTT	21850
178	UGUCCUUG A UUGGACUG	4730	CAGTCCAA GGCTAGCTACAACGA CAAGGACA	21851
183	UUGAUUGG A CUGAAGAG	4731	CTCTTCAG GGCTAGCTACAACGA CCAATCAA	21852
208 212	UGAGCCUG A UCGACGGC	4732	GCCGTCGA GGCTAGCTACAACGA CAGGCTCA	21853
226	CCUGAUCG A CGGCAAGG	4733	CCTTGCCG GGCTAGCTACAACGA CGATCAGG	21854
231	AGGGGCCA A UACGAUUU	4734	AAATCGTA GGCTAGCTACAACGA TGGCCCCT	21855
271	CCAAUACG A UUUGUGUU	4735	AACACAAA GGCTAGCTACAACGA CGTATTGG	21856
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296	UUGCUCCG A CCCGAGCA AGUGCUGG A UCGAUGGA	4737	TGCTCGGG GGCTAGCTACAACGA CGGAGCAA	21858
300	CUGGAUCG A UGGAGAGG	4738	TCCATCGA GGCTAGCTACAACGA CCAGCACT	21859
314		4739	CCTCTCCA GGCTAGCTACAACGA CGATCCAG	21860
318	AGGUGUGA A CAAACAAA GUGAACAA A CAAACAGC	4740	TTTGTTTG GGCTAGCTACAACGA TCACACCT	21861
322	ACAAACAA A CAGCGAUG	4741	GCTGTTTG GGCTAGCTACAACGA TTGTTCAC	21862
328	AAACAGCG A UGAAACAC	4742	CATCGCTG GGCTAGCTACAACGA TTGTTTGT	21863
333	GCGAUGAA A CACCUUCU	4743	GTGTTTCA GGCTAGCTACAACGA CGCTGTTT	21864
357	AAGAAGGA A CUAGGGAC	4744	AGAAGGTG GGCTAGCTACAACGA TTCATCGC	21865
364	AACUAGGG A CCUUGACC	4745	GTCCCTAG GGCTAGCTACAACGA TCCTTCTT	21866
370	GGACCUUG A CCAGUGCU	4746	GGTCAAGG GGCTAGCTACAACGA CCCTAGTT	21867
383	UGCUAUCA A UCGGCGGA	4747	AGCACTGG GGCTAGCTACAACGA CAAGGTCC	21868
399	AGCUCAAA A CAAAAGAA	4748	TCCGCCGA GGCTAGCTACAACGA TGATAGCA	21869
421	GAGGAAAG A CCGGAAUU	4749	TTCTTTTG GGCTAGCTACAACGA TTTGAGCT	21870
427	AGACCGGA A UUGCAGUC	4750	AATTCCGG GGCTAGCTACAACGA CTTTCCTC	21871
439	CAGUCAUG A UUGGCCUG	4751	GACTGCAA GGCTAGCTACAACGA TCCGGTCT	21872
448	UUGGCCUG A UCGCCAGC	4752	CAGGCCAA GGCTAGCTACAACGA CATGACTG	21873
479	CCUCUCUA A CUUCCAAG	4753	GCTGGCGA GGCTAGCTACAACGA CAGGCCAA	21874
496	GGAAGGUG A UGAUGACG	4754	CTTGGAAG GGCTAGCTACAACGA TAGAGAGG	21875
499	AGGUGAUG A UGACGGUA	4755	CGTCATCA GGCTAGCTACAACGA CACCTTCC	21876
502	UGAUGAUG A CGGUAAAU	4756	TACCGTCA GGCTAGCTACAACGA CATCACCT	21877
509	GACGGUAA A UGCUACUG	4757	ATTTACCG GGCTAGCTACAACGA CATCATCA	21878
518	UGCUACUG A CGUCACAG	4758	CAGTAGCA GGCTAGCTACAACGA TTACCGTC	21879
		4759	CTGTGACG GGCTAGCTACAACGA CAGTAGCA	21880

			able VI	
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538	UCAUCACG A UUCCAACA	4761	TGTTGGAA GGCTAGCTACAACGA CGTGATGA	21882
544	CGAUUCCA A CAGCUGCU	4762	AGCAGCTG GGCTAGCTACAACGA TGGAATCG	21883
560	UGGAAAGA A CCUAUGCA	4763	TGCATAGG GGCTAGCTACAACGA TCTTTCCA	21884
580	UCAGAGCA A UGGAUGUG	4764	CACATCCA GGCTAGCTACAACGA TGCTCTGA	21885
584	AGCAAUGG A UGUGGGAU	4765	ATCCCACA GGCTAGCTACAACGA CCATTGCT	21886
591	GAUGUGGG A UACAUGUG	4766	CACATGTA GGCTAGCTACAACGA CCCACATC	
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605	GUGCGAUG A UACUAUCA	4768		21888
621	ACUUAUGA A UGCCCAGU	4769	TGATAGTA GGCTAGCTACAACGA CATCGCAC	21889
644	 		ACTGGGCA GGCTAGCTACAACGA TCATAAGT	21890
	GGCUGGUA A UGAUCCAG	4770	CTGGATCA GGCTAGCTACAACGA TACCAGCC	21891
647	UGGUAAUG A UCCAGAAG	4771	CTTCTGGA GGCTAGCTACAACGA CATTACCA	21892
656	UCCAGAAG A CAUCGACU	4772	AGTCGATG GGCTAGCTACAACGA CTTCTGGA	21893
662	AGACAUCG A CUGUUGGU	4773	ACCAACAG GGCTAGCTACAACGA CGATGTCT	21894
705	UAUGGAAG A UGCACCAA	4774	TTGGTGCA GGCTAGCTACAACGA CTTCCATA	21895
715	GCACCAAG A CACGCCAC	4775	GTGGCGTG GGCTAGCTACAACGA CTTGGTGC	21896
729	CACUCAAG A CGCAGUCG	4776	CGACTGCG GGCTAGCTACAACGA CTTGAGTG	21897
748	GGUCACUG A CAGUGCAG	4777	CTGCACTG GGCTAGCTACAACGA CAGTGACC	21898
757	CAGUGCAG A CACACGGA	4778	TCCGTGTG GGCTAGCTACAACGA CTGCACTG	21899
782	UCUAGCGA A CAAGAAGG	4779	CCTTCTTG GGCTAGCTACAACGA TCGCTAGA	21900
799	GGGCUUGG A UGGACAGC	4780	GCTGTCCA GGCTAGCTACAACGA CCAAGCCC	21901
803	UUGGAUGG A CAGCACCA	4781	TGGTGCTG GGCTAGCTACAACGA CCATCCAA	21902
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840	AAAACAGA A UCAUGGAU	4783	ATCCATGA GGCTAGCTACAACGA TCTGTTTT	21904
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857	CUUGAGGA A CCCUGGAU	4785	ATCCAGGG GGCTAGCTACAACGA TCCTCAAG	21906
864	AACCCUGG A UAUGCCCU	4786	AGGGCATA GGCTAGCTACAACGA CCAGGGTT	21907
895	UUGGUUGG A UGCUUGGG	4787	CCCAAGCA GGCTAGCTACAACGA CCAACCAA	21908
908	UGGGAGCA A CACCAUGC	4788	GCATGGTG GGCTAGCTACAACGA TGCTCCCA	21909
971	CAGCUUCA A CUGCCUUG	4789	CAAGGCAG GGCTAGCTACAACGA TGAAGCTG	21910
982	GCCUUGGA A UGAGCAAC	4790	GTTGCTCA GGCTAGCTACAACGA TCCAAGGC	21911
989	AAUGAGCA A CAGAGACU	4791	AGTOTOTG GGCTAGCTACAACGA TGCTCATT	21912
995	CAACAGAG A CUUCUUGG	4792	CCAAGAAG GGCTAGCTACAACGA CTCTGTTG	21913
1021	CUGGAGCA A CAUGGGUG	4793	CACCCATG GGCTAGCTACAACGA TGCTCCAG	21914
1031	AUGGGUGG A UUUGGUUC	4794	GAACCAAA GGCTAGCTACAACGA CCACCCAT	
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1060	GCUGCGUG A CUAUCAUG	4796	CATGATAG GGCTAGCTACAACGA CACGCAGC	21916
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1099	AUGUGAAG A UGAUGAAU	4799	ATTCATCA GGCTAGCTACAACGA CGATGGTA	21919
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1106	GAUGAUGA A UAUGGAGG	4801	CATATTCA GGCTAGCTACAACGA CATCTTCA	21921
1121			CCTCCATA GGCTAGCTACAACGA TCATCATC	21922
1166	GGCGGUCA A CCUGGCAG	4802	CTGCCAGG GGCTAGCTACAACGA TGACCGCC	21923
1192	CGUCAGCG A UCUCUCCA	4803	TGGAGAGA GGCTAGCTACAACGA CGCTGACG	21924
1211	CGUGCCG A CCAUGGGA	4804	TCCCATGG GGCTAGCTACAACGA CGGGCACG	21925
	AGCUCACA A UGACAAAC	4805	GTTTGTCA GGCTAGCTACAACGA TGTGAGCT	21926
1214	UCACAAUG A CAAACGUG	4806	CACGTTTG GGCTAGCTACAACGA CATTGTGA	21927
1218	AAUGACAA A CGUGCUGA	4807	TCAGCACG GGCTAGCTACAACGA TTGTCATT	21928
1226	ACGUGCUG A CCCAGCUU	4808	AAGCTGGG GGCTAGCTACAACGA CAGCACGT	21929
1245	GUGUGCAG A CAAGGAGU	4809	ACTCCTTG GGCTAGCTACAACGA CTGCACAC	21930
1259	AGUGGUGG A CAGGGGCU	4810	AGCCCCTG GGCTAGCTACAACGA CCACCACT	21931
1274	CUGGGGCA A CGGCUGCG	4811	CGCAGCCG GGCTAGCTACAACGA TGCCCCAG	21932
1284	GGCUGCGG A UUAUUUGG	4812	CCAAATAA GGCTAGCTACAACGA CCGCAGCC	21933
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1320	UGCGCCAA A UUUGCCUG	4814	CAGGCAAA GGCTAGCTACAACGA TTGGCGCA	21935
1342	CCAAGGCA A UAGGAAGA	4815	TCTTCCTA GGCTAGCTACAACGA TGCCTTGG	21936
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1367	GAAAGAGA A UAUCAAGU	4817	ACTTGATA GGCTAGCTACAACGA TCTCTTTC	21938
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1405	AUGGACCA A CUACUGUG	4819	CACAGTAG GGCTAGCTACAACGA TGGTCCAT	21940
1427	GCACGGAA A CUACUCCA	4820	TGGAGTAG GGCTAGCTACAACGA TTCCGTGC	21941
1464	GCAGGGAG A UUCAGCAU	4821	ATGCTGAA GGCTAGCTACAACGA CTCCCTGC	21942
		لتنس		/34

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1525	GAGAGGUG A CAGUGGAC	4823	GTCCACTG GGCTAGCTACAACGA CACCTCTC	21944
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1579	ACGUGAUG A CUGUUGGA	4830	AACAGTCA GGCTAGCTACAACGA CACGTAGT	21950
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		4831	CGTCTTTG GGCTAGCTACAACGA TCCAACAG	21952
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1631	GGACCUCA A CCUCCCUU	4834	AAGGGAGG GGCTAGCTACAACGA TGAGGTCC	21955
1670	GUGGAGGA A CAGAGAGA	4835	TCTCTCTG GGCTAGCTACAACGA TCCTCCAC	21956
1678	ACAGAGAG A CGUUAAUG	4836	CATTAACG GGCTAGCTACAACGA CTCTCTGT	21957
1684	AGACGUUA A UGGAGUUU	4837	AAACTCCA GGCTAGCTACAACGA TAACGTCT	21958
1698	UUUGAGGA A CCACACGC	4838	GCGTGTGG GGCTAGCTACAACGA TCCTCAAA	21959
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1785	CCUGUGGA A UUUUCAAG	4840	CTTGAAAA GGCTAGCTACAACGA TCCACAGG	21961
1796	UUCAAGCA A CACUGUCA	4841	TGACAGTG GGCTAGCTACAACGA TGCTTGAA	21962
1810	UCAAGUUG A CGUCGGGU	4842	ACCCGACG GGCTAGCTACAACGA CAACTTGA	21963
1840	GAGUGAAG A UGGAAAAA	4843	TTTTTCCA GGCTAGCTACAACGA CTTCACTC	21964
1848	AUGGAAAA A UUGCAGUU	4844	AACTGCAA GGCTAGCTACAACGA TTTTCCAT	21965
1864	UGAAGGGA A CAACCUAU	4845	ATAGGTTG GGCTAGCTACAACGA TCCCTTCA	21966
1867	AGGGAACA A CCUAUGGC	4846	GCCATAGG GGCTAGCTACAACGA TGTTCCCT	
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1916	UCCCGCAG A CACAGGUC	4848	GACCTGTG GGCTAGCTACAACGA CTGCGGGA	21968
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1964	UGGCACGG A UGGACCUU	4850	AAGGTCCA GGCTAGCTACAACGA CCGTGCCA	21970
1968	ACGGAUGG A CCUUGCAA	4851		21971
2006	UUCAUUGA A CGACCUAA	4852	TTGCAAGG GGCTAGCTACAACGA CCATCCGT	21972
2009	AUUGAACG A CCUAACGC		TTAGGTCG GGCTAGCTACAACGA TCAATGAA	21973
2014	ACGACCUA A CGCCAGUG	4853	GCGTTAGG GGCTAGCTACAACGA CGTTCAAT	21974
2028		4854	CACTGGCG GGCTAGCTACAACGA TAGGTCGT	21975
2042	GUGGGCAG A UUGGUCAC	4855	GTGACCAA GGCTAGCTACAACGA CTGCCCAC	21976
2069	CACUGUCA A CCCUUUUG	4856	CAAAAGGG GGCTAGCTACAACGA TGACAGTG	21977
	CACGGCCA A CGCUAAGG	4857	CCTTAGCG GGCTAGCTACAACGA TGGCCGTG	21978
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2139	GGAGAACA A CAGAUCAA	4863	TTGATCTG GGCTAGCTACAACGA TGTTCTCC	21984
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2147	ACAGAUCA A UCACCAUU	4865	AATGGTGA GGCTAGCTACAACGA TGATCTGT	21986
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2234	UCUAGGAG A CACAGCUU	4868	AAGCTGTG GGCTAGCTACAACGA CTCCTAGA	21989
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2253	GACUUUGG A UCAGUUGG	4870	CCAACTGA GGCTAGCTACAACGA CCAAAGTC	21991
2344	UGUCCUGG A UAACGCAA	4871	TIGCGITA GGCTAGCTACAACGA CCAGGACA	21992
2347	CCUGGAUA A CGCAAGGA	4872	TCCTTGCG GGCTAGCTACAACGA TATCCAGG	
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2380	UGUUGUGG A UGGGCAUC	4874	GATGCCCA GGCTAGCTACAACGA CCACAACA	21994
2390	GGGCAUCA A UGCUCGUG	4875	CACGAGCA GGCTAGCTACAACGA TGATGCCC	21995
2399	UGCUCGUG A UAGGUCCA	4876	TGGACCTA GGCTAGCTACAACGA TGATGCCC TGGACCTA GGCTAGCTACAACGA CACGAGCA	21996
2459	CUCCGUGA A CGUGCACG	4877	CGTGCACG GGCTAGCTACAACGA CACGAGCA	21997
2471	GCACGCUG A CACUGGGU	4878		21998
2489	UGCCAUAG A CAUCAGCC	4879	ACCCAGTG GGCTAGCTACAACGA CAGCGTGC	21999
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2537	CAUACACA A UGAUGUGG	4880	CTTCCACA GGCTAGCTACAACGA CTCAGCTC	22001
2540	ACACAAUG A UGUGGAGG	4881	CCACATCA GGCTAGCTACAACGA TGTGTATG	22002
2554	ACACAAGG A UGGACCGG AGGCUUGG A UGGACCGG	4882	CCTCCACA GGCTAGCTACAACGA CATTGTGT	22003
	AGGCOOG A OGGACUGG	4883	CCGGTCCA GGCTAGCTACAACGA CCAAGCCT	22004

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2558	UUGGAUGG A CCGGUACA	4884	TGTACCGG GGCTAGCTACAACGA CCATCCAA	22005
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2643	GGUCUACG A UCAGUUUC	4887	GAAACTGA GGCTAGCTACAACGA CGTAGACC	22008
2655	GUUUCCAG A CUGGAGCA	4888	TGCTCCAG GGCTAGCTACAACGA CTGGAAAC	22009
2668	AGCAUCAA A UGUGGGAA	4889	TTCCCACA GGCTAGCTACAACGA TTGATGCT	22010
2687	AGUGAAGG A CGAGCUGA	4890	TCAGCTCG GGCTAGCTACAACGA CCTTCACT	22011
2696	CGAGCUGA A CACUCUUU	4891	AAAGAGTG GGCTAGCTACAACGA TCAGCTCG	22012
2714	GAAGGAGA A UGGUGUGG	4892	CCACACCA GGCTAGCTACAACGA TCTCCTTC	22013
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2858	ACUCGCCA A CAACACCU	4900	AGGTGTTG GGCTAGCTACAACGA TGGCGAGT	22021
2861	CGCCAACA A CACCUUUG	4901	CAAAGGTG GGCTAGCTACAACGA TGTTGGCG	22022
2876	UGUGGUUG A UGGUCCGG	4902	CCGGACCA GGCTAGCTACAACGA CAACCACA	22023
2887	GUCCGGAG A CCAAGGAA	4903	TTCCTTGG GGCTAGCTACAACGA CTCCGGAC	22024
2895	ACCAAGGA A UGUCCGAC	4904	GTCGGACA GGCTAGCTACAACGA TCCTTGGT	22025
2902	AAUGUCCG A CUCAGAAU	4905	ATTCTGAG GGCTAGCTACAACGA CGGACATT	22025
2909	GACUCAGA A UCGCGCUU	4906	AAGCGCGA GGCTAGCTACAACGA TCTGAGTC	22027
2921	CGCUUGGA A UAGCUUAG	4907	CTAAGCTA GGCTAGCTACAACGA TCCAAGCG	22027
2939	AGUGGAGG A UUUUGGAU	4908	ATCCAAAA GGCTAGCTACAACGA CCTCCACT	22028
2946	GAUUUUGG A UUUGGUCU	4909	AGACCAAA GGCTAGCTACAACGA CCAAAATC	22029
2968	GCACUCGG A UGUUCCUG	4910	CAGGAACA GGCTAGCTACAACGA CCGAGTGC	22030
2993	AGAGAGCA A CACAACUG	4911	CAGTTGTG GGCTAGCTACAACGA TGCTCTCT	+
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3003	ACAACUGA A UGUGACUC	4913	GAGTCACA GGCTAGCTACAACGA TCAGTTGT	22034
3008	UGAAUGUG A CUCGAAGA	4914	TCTTCGAG GGCTAGCTACAACGA CACATTCA	
3016	ACUCGAAG A UCAUUGGA	4915	TCCAATGA GGCTAGCTACAACGA CTTCGAGT	22035
3025	UCAUUGGA A CGGCUGUC	4916	GACAGCCG GGCTAGCTACAACGA TCCAATGA	22036
3038	UGUCAAGA A CAACUUGG	4917	CCAAGTTG GGCTAGCTACAACGA TCTTGACA	22037
3041	CAAGAACA A CUUGGCGA	4918	TCGCCAAG GGCTAGCTACAACGA TGTTCTTG	22038
3049	ACUUGGCG A UCCACAGU	4919	ACTGTGGA GGCTAGCTACAACGA CGCCAAGT	22039
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3175	GCGAUGGA A UCCUUGAG	4927	CTCAAGGA GGCTAGCTACAACGA CGCCCCAC	22047
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3193	GUGACUUG A UAAUACCA	4929	TGGTATTA GGCTAGCTACAACGA CACTCTCA TGGTATTA GGCTAGCTACAACGA CAAGTCAC	22049
3196	ACUUGAUA A UACCAGUC	4930	GACTGGTA GGCTAGCTACAACGA CAAGTCAC	22050
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3227	ACGAAGCA A UCACAAUC	4932		22052
3233	CAAUCACA A UCGGAGAC	4932	GATTGTGA GGCTAGCTACAACGA TGCTTCGT	22053
3240	AAUCGGAG A CCUGGGUA	4934	GTCTCCGA GGCTAGCTACAACGA TGTGATTG	22054
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3354	AGCUGCGG A CACCGUGG CACCGUGG A CCUGCCAC	4942	CCACGGTG GGCTAGCTACAACGA CCGCAGCT	22063
3391		4943	GTGGCAGG GGCTAGCTACAACGA CCACGGTG	22064
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3472	GUAUGGAG A UCAGACCA	4949	TGGTCTGA GGCTAGCTACAACGA CTCCATAC	
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3486	CCACAGAG A CAUGAUGA	4951	TCATCATG GGCTAGCTACAACGA CTCTGTGG	22071
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	UGCUUAUA A UGCUGAUA	4955	TATCAGCA GGCTAGCTACAACGA TATAAGCA	22076
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3541	CUGAUAUG A UUGACCCU	4957	AGGGTCAA GGCTAGCTACAACGA CATATCAG	22078
3545	UAUGAUUG A CCCUUUUC	4958	GAAAAGGG GGCTAGCTACAACGA CAATCATA	22079
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3640	CUAUACUG A UUGCUCUG	4961	CAGAGCAA GGCTAGCTACAACGA CAGTATAG	22082
3683	UUACACUG A UGUGUUAC	4962	GTAACACA GGCTAGCTACAACGA CAGTGTAA	
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3731	AGAAUCUA A UUCGGGAG	4964	CTCCCGAA GGCTAGCTACAACGA TAGATTCT	22084
3743	GGGAGGAG A CGUGGUAC	4965		22085
3769	UCAUGGCG A CCUUCAAG	4966	GTACCACG GGCTAGCTACAACGA CTCCTCCC	22086
3778	CCUUCAAG A UACAACCA	+	CTTGAAGG GGCTAGCTACAACGA CGCCATGA	22087
3783	AAGAUACA A CCAGUGUU	4967	TGGTTGTA GGCTAGCTACAACGA CTTGAAGG	22088
3819		4968	AACACTGG GGCTAGCTACAACGA TGTATCTT	22089
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3836	CCAGGAGA A CAUUUUGU	4972	ACAAAATG GGCTAGCTACAACGA TCTCCTGG	22093
3847	UUUUGUUG A UGUUGGCG	4973	CGCCAACA GGCTAGCTACAACGA CAACAAAA	22094
3871	UCUUUCAA A UGGCUUAU	4974	ATAAGCCA GGCTAGCTACAACGA TTGAAAGA	22095
3884	UUAUCACG A UGCCCGCC	4975	GGCGGGCA GGCTAGCTACAACGA CGTGATAA	22096
3895	CCCGCCAA A UUCUGCUC	4976	GAGCAGAA GGCTAGCTACAACGA TTGGCGGG	22097
3910	UCUGGGAG A UCCCUGAU	4977	ATCAGGGA GGCTAGCTACAACGA CTCCCAGA	22098
3917	GAUCCCUG A UGUGUUGA	4978	TCAACACA GGCTAGCTACAACGA CAGGGATC	
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3949	CUUGGAUG A UACUGAGA	4981		22101
3964	GAGCCAUA A CAUUCACA	4982	TCTCAGTA GGCTAGCTACAACGA CATCCAAG	22102
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4153	UAGCCUCA A CAGGACUU	4994	AAGTCCTG GGCTAGCTACAACGA TGAGGCTA	22114
4158	UCAACAGG A CUUUUCAA	4995	TTGAAAAG GGCTAGCTACAACGA CCTGTTGA	22115
4166	ACUUUUCA A CCCCAUGA	4996		22116
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4192	CUGGACUG A UUGCAUGU	4998	GCAATCAG GGCTAGCTACAACGA CCAGCAGC	22119
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4215 4221	AACCGUAA A CGCGGAUG AAACGCGG A UGGCCCGC	5002 5003	CATCCGCG GGCTAGCTACAACGA TTACGGTT GCGGGCCA GGCTAGCTACAACGA CCGCGTTT	
4215 4221 4231	AACCGUAA A CGCGGAUG AAACGCGG A UGGCCCGC GGCCCGCA A CUGAAGUG		GCGGGCCA GGCTAGCTACAACGA CCGCGTTT	22124
4215 4221 4231 4240	AACCGUAA A CGCGGAUG AAACGCGG A UGGCCCGC GGCCCGCA A CUGAAGUG CUGAAGUG A UGACAGCU	5003	GCGGGCCA GGCTAGCTACAACGA CCGCGTTT CACTTCAG GGCTAGCTACAACGA TGCGGGCC	22124 22125
4215 4221 4231	AACCGUAA A CGCGGAUG AAACGCGG A UGGCCCGC GGCCCGCA A CUGAAGUG	5003 5004	GCGGGCCA GGCTAGCTACAACGA CCGCGTTT	22124

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4318	UUCCAAUG A CUAUCGCG	5011	CGCGATAG GGCTAGCTACAACGA CATTGGAA	22132
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4362	UCUGGGAA A UCAACAGA	5013	TCTGTTGA GGCTAGCTACAACGA TTCCCAGA	22134
4366	GGAAAUCA A CAGAUAUG	5014	CATATCTG GGCTAGCTACAACGA TGATTTCC	
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		5016	TCTCTCAA GGCTAGCTACAACGA CCACATAT	22137
4387	UUGAGAGA A CGGCGGAC	5017	GTCCGCCG GGCTAGCTACAACGA TCTCTCAA	22138
4394	AACGGCGG A CAUUUCCU	5018	AGGAAATG GGCTAGCTACAACGA CCGCCGTT	22139
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4460	GCUUGAUG A UGAUGGAA	5023	TTCCATCA GGCTAGCTACAACGA CATCAAGC	22144
4463	UGAUGAUG A UGGAAACU	5024	AGTTTCCA GGCTAGCTACAACGA CATCATCA	22145
4469	UGAUGGAA A CUUCCAGC	5025	GCTGGAAG GGCTAGCTACAACGA TTCCATCA	22146
4484	GCUCAUGA A UGAUCCAG	5026	CTGGATCA GGCTAGCTACAACGA TCATGAGC	22147
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4561	CCUGGGCA A UCUUGCCC	5032	GGGCAAGA GGCTAGCTACAACGA TGCCCAGG	22153
4581	GUAGUUGG A UUUUGGAU	5033	ATCCAAAA GGCTAGCTACAACGA CCAACTAC	22154
4588	GAUUUUGG A UAACUCUC	5034	GAGAGTTA GGCTAGCTACAACGA CCAAAATC	-
4591	UUUGGAUA A CUCUCCAA	5035	TTGGAGAG GGCTAGCTACAACGA TATCCAAA	22155
4599	ACUCUCCA A UACACAAA	5036		22156
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	AAAGGGGG A CACGACCA	5038	TGGTCGTG GGCTAGCTACAACGA CCCCCTTT	22159
4666	GGGACACG A CCACCGGC	5039	GCCGGTGG GGCTAGCTACAACGA CGTGTCCC	22160
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4768	GGCAUACA A CAAAAGGA	5043	TCCTTTTG GGCTAGCTACAACGA TGTATGCC	22164
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4839	GAGGAUCG A CUUUGUUA	5047	TAACAAAG GGCTAGCTACAACGA CGATCCTC	22168
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		5061	GTCCAAAG GGCTAGCTACAACGA CACGGCCC	22182
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5039	GGACAAAA A CGGUGAUG	5066	CATCACCG GGCTAGCTACAACGA TTTTGTCC	22187
5045	AAACGGUG A UGUGAUUG	5067	CAATCACA GGCTAGCTACAACGA CACCGTTT	22188
5050	GUGAUGUG A UUGGGCUU	5068	AAGCCCAA GGCTAGCTACAACGA CACATCAC	22189
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5151	GGAUUCGA A CCUGAGAU	5077	ATCTCAGG GGCTAGCTACAACGA TCGAATCC	22198
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6637	UUCAGACA A UUGCCUUG UUGCCUUG A UUGCCUUA	5188	CAAGGCAA GGCTAGCTACAACGA TGTCTGAA	22309
6655	UGAGUGUG A UGACCAUG	5189	TAAGGCAA GGCTAGCTACAACGA CAAGGCAA	22310
6658	GUGUGAUG A CCAUGGGA	5190	CATGGTCA GGCTAGCTACAACGA CACACTCA	22311
6706		5191	TCCCATGG GGCTAGCTACAACGA CATCACAC	22312
6739	UUGGAAAG A UAGGUUUG	5192	CARACCTA GGCTAGCTACAACGA CTTTCCAA	22313
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6754	UCUGUUGG A UGGCUGAA	5194	TTCAGCCA GGCTAGCTACAACGA CCAACAGA	22315
6772	UUCCAGGA A CGAAGAUC	5195	GATCTTCG GGCTAGCTACAACGA TCCTGGAA	22316
6778	GAACGAAG A UCGCCGGA	5196	TCCGGCGA GGCTAGCTACAACGA CTTCGTTC	22317
6787	UCGCCGGA A UGUUGCUG	5197	CAGCAACA GGCTAGCTACAACGA TCCGGCGA	22318
6811	UUCUCUUG A UGAUUGUG	5198	CACAATCA GGCTAGCTACAACGA CAAGAGAA	22319
6814	UCUUGAUG A UUGUGCUA	5199	TAGCACAA GGCTAGCTACAACGA CATCAAGA	
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6843	GAGAAGCA A CGUUCGCA	5201	TGCGAACG GGCTAGCTACAACGA TGCTTCTC	22321
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6857	GCAGACAG A CAACCAGC	5203	**************************************	22323
6860	GACAGACA A CCAGCUAG		GCTGGTTG GGCTAGCTACAACGA CTGTCTGC	22324
6880	UGUUCCUG A UUUGUGUC	5204	CTAGCTGG GGCTAGCTACAACGA TGTCTGTC	22325
6892	GUGUCAUG A CCCUUGUG	5205	GACACAAA GGCTAGCTACAACGA CAGGAACA	22326
6917	GGCAGCCA A CGAGAUGG	5206	CACAAGGG GGCTAGCTACAACGA CATGACAC	22327
6922		5207	CCATCTCG GGCTAGCTACAACGA TGGCTGCC	22328
6935	CCAACGAG A UGGGUUGG	5208	CCAACCCA GGCTAGCTACAACGA CTCGTTGG	22329
	UUGGCUAG A UAAGACCA	5209	TGGTCTTA GGCTAGCTACAACGA CTAGCCAA	22330
6940	UAGAUAAG A CCAAGAGU	5210	ACTCTTGG GGCTAGCTACAACGA CTTATCTA	22331
6950	CAAGAGUG A CAUAAGCA	5211	TGCTTATG GGCTAGCTACAACGA CACTCTTG	22332
6976	GGCAAAGA A UUGAGGUC	5212	GACCTCAA GGCTAGCTACAACGA TCTTTGCC	22333
6992	CAAGGAGA A UUUCAGCA	5213	TGCTGAAA GGCTAGCTACAACGA TCTCCTTG	22334
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7033	GGCCGGCA A CAGCCUGG	5215	CCAGGCTG GGCTAGCTACAACGA TGCCGGCC	22336
7057	ACGCUGUG A CAACAGCG	5216	CGCTGTTG GGCTAGCTACAACGA CACAGCGT	22337
7060	CUGUGACA A CAGCGGUC	5217	GACCGCTG GGCTAGCTACAACGA TGTCACAG	22338
7093	AGCAUUUG A UCACGUCA	5218	TGACGTGA GGCTAGCTACAACGA CAAATGCT	22339
7103	CACGUCAG A UUACAUCA	5219	TGATGTAA GGCTAGCTACAACGA CTGACGTG	22340
7112	UUACAUCA A CACCUCAU	5220	ATGAGGTG GGCTAGCTACAACGA TGATGTAA	22341
7123	CCUCAUUG A CCUCAAUA	5221	TATTGAGG GGCTAGCTACAACGA CAATGAGG	22342
7129	UGACCUCA A UAAACGUU	5222	AACGTTTA GGCTAGCTACAACGA TGAGGTCA	22343
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7218	GCAGCCGG A UGCUGGGG	5225	CCCCAGCA GGCTAGCTACAACGA CCGGCTGC	22346
7227	UGCUGGGG A CAAGUCAC	5226	GTGACTTG GGCTAGCTACAACGA CCCCAGCA	22347
7252	UUACGGUA A CAGCGGCA	5227	TGCCGCTG GGCTAGCTACAACGA TACCGTAA	22348
7261	CAGCGGCA A CACUCCUU	5228	AAGGAGTG GGCTAGCTACAACGA TGCCGCTG	22349
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7336	AGCGGCGG A CAGCGGCC	5230	GGCCGCTG GGCTAGCTACAACGA CCGCCGCT	22351
7348	CGGCCGGA A UCAUGAAG	5231	CTTCATGA GGCTAGCTACAACGA TCCGGCCG	22352
7358	CAUGAAGA A CGCUGUAG	5232	CTACAGCG GGCTAGCTACAACGA TCTTCATG	22353
7370	UGUAGUGG A UGGCAUCG	5233	CGATGCCA GGCTAGCTACAACGA CCACTACA	22354
7388	GGCCACGG A CGUCCCAG	5234	CTGGGACG GGCTAGCTACAACGA CCGTGGCC	22355
7398	GUCCCAGA A UUAGAGCG	5235	CGCTCTAA GGCTAGCTACAACGA TCTGGGAC	22356
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7450	UCAUGCUG A UCUUGGUG	5238	CACCAAGA GGCTAGCTACAACGA CAGCATGA	22359
7481	AGUAGUGA A CCCGUCUG	5239	CAGACGGG GGCTAGCTACAACGA TCACTACT	
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7537	CAGCGGUG A CGCUUUGG	5243	CCAAAGCG GGCTAGCTACAACGA CACCGCTG	22363
7550	UUGGGAGA A UGGAGCAA	5244	TTGCTCCA GGCTAGCTACAACGA TCTCCCAA	22364
7571	UGUUUGGA A CGCAACAA	5245		22365
7576	GGAACGCA A CAACUGCC	5246	TTGTTGCG GGCTAGCTACAACGA TCCAAACA	22366
7579	ACGCAACA A CUGCCAUC	5247	GGCAGTTG GGCTAGCTACAACGA TGCGTTCC	22367
7590	GCCAUCGG A CUCUGCCA	5248	GATGGCAG GGCTAGCTACAACGA TGTTGCGT	22368
7636	UAUCCAUA A CAUGGACA	5249	TGGCAGAG GGCTAGCTACAACGA CCGATGGC	22369
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7655	CAUAAAGA A CAUGGAAA	5250	TATGAGTG GGCTAGCTACAACGA CCATGTTA	22371
7665	AUGGAAAA A CCAGGACU	5251	TTTCCATG GGCTAGCTACAACGA TCTTTATG	22372
7671	AAACCAGG A CUAAAAAG	5252	AGTCCTGG GGCTAGCTACAACGA TTTTCCAT	22373
7695	GCAAAAGG A CGCACCUU	5253	CTTTTTAG GGCTAGCTACAACGA CCTGGTTT	22374
7725	AAAGAAAG A CUCAACCA	5254	AAGGTGCG GGCTAGCTACAACGA CCTTTTGC	22375
	ANNORME A COCAACCA	5255	TGGTTGAG GGCTAGCTACAACGA CTTTCTTT	22376

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7738	ACCAGAUG A CAAAAGAA	5258	TTCTTTTG GGCTAGCTACAACGA CATCTGGT	22379
7787	CGAAGUCG A UCGCUCAG	5259	CTGAGCGA GGCTAGCTACAACGA CGACTTCG	22380
7803	GCGGCAAA A CACGCCAG	5260	CTGGCGTG GGCTAGCTACAACGA TTTGCCGC	22381
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7863	ACAGCAAA A CUGAGAUG	5262	CATCTCAG GGCTAGCTACAACGA TTTGCTGT	22383
7869	AAACUGAG A UGGCUGGU	5263	ACCAGCCA GGCTAGCTACAACGA CTCAGTTT	22384
7881	CUGGUCGA A CGGAGGUU	5264	AACCTCCG GGCTAGCTACAACGA TCGACCAG	22385
7896	UUUCUCGA A CCGGUCGG	5265	CCGACCGG GGCTAGCTACAACGA TCGAGAAA	22386
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7923	GACCUUGG A UGUGGAAG	5268	CTTCCACA GGCTAGCTACAACGA CCAAGGTC	22389
7957	AUAUGGCA A CCCAAAAA	5269	TTTTTGGG GGCTAGCTACAACGA TGCCATAT	22390
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8045	UGGAUGGA A CAUUGUCA	5273	TGACAATG GGCTAGCTACAACGA TCCATCCA	22394
8072	UGGAGUGG A UGUGUUCU	5274	AGAACACA GGCTAGCTACAACGA CCACTCCA	22395
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8102	GUGUUGUG A CACCCUCC	5276	GGAGGGTG GGCTAGCTACAACGA CACAACAC	22397
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8161	AGCAUAGG A CGAUUCGG	5278	CCGAATCG GGCTAGCTACAACGA CCTATGCT	22399
8164	AUAGGACG A UUCGGGUC	5279	GACCCGAA GGCTAGCTACAACGA CGTCCTAT	22400
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8189	GGUUGAGG A CUGGCUGC	5281	GCAGCCAG GGCTAGCTACAACGA CCTCAACC	22402
8214	CCAAGGGA A UUUUGCGU	5282	ACGCAAAA GGCTAGCTACAACGA TCCCTTGG	22403
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8277	CUGCUCCA A CGCCGGUA	5284	TACCGGCG GGCTAGCTACAACGA TGGAGCAG	22405
8295	GGGGGGG A CUGGUCAG	5285	CTGACCAG GGCTAGCTACAACGA CCCCCCCC	22406
8306	GGUCAGAA A CCCACUCU	5286	AGAGTGGG GGCTAGCTACAACGA TTCTGACC	22407
8321	CUCACGGA A UUCCACGC	5287	GCGTGGAA GGCTAGCTACAACGA TCCGTGAG	22408
8335	CGCACGAG A UGUAUUGG	5288	CCAATACA GGCTAGCTACAACGA CTCGTGCG	22409
8363	UUCAGGCA A UGUGGUAC	5289	GTACCACA GGCTAGCTACAACGA TGCCTGAA	22410
8381	UUCAGUGA A UAUGACCA	5290	TGGTCATA GGCTAGCTACAACGA TCACTGAA	22411
8386	UGAAUAUG A CCAGCCAG	5291	CTGGCTGG GGCTAGCTACAACGA CATATTCA	22412
8410	UAGGAAGA A UGGAAAAA	5292	TTTTTCCA GGCTAGCTACAACGA TCTTCCTA	22413
8422	AAAAAAGG A CCUGGAAG	5293	CTTCCAGG GGCTAGCTACAACGA CCTTTTTT	22414
8433	UGGAAGGG A CCCCAAUA	5294	TATTGGGG GGCTAGCTACAACGA CCCTTCCA	22415
8439	GGACCCCA A UACGAGGA	5295	TCCTCGTA GGCTAGCTACAACGA TGGGGTCC	22416
8450	CGAGGAAG A UGUAAACU	5296	AGTTTACA GGCTAGCTACAACGA CTTCCTCG	22417
8456	AGAUGUAA A CUUGGGAA	5297	TTCCCAAG GGCTAGCTACAACGA TTACATCT	22418
8470	GAAGUGGA A CCAGGGCG	5298	CGCCCTGG GGCTAGCTACAACGA TCCACTTC	22419
8487	GUGGGAAA A CCCCUGCU	5299	AGCAGGG GGCTAGCTACAACGA TTTCCCAC	22420
8498	CCUGCUCA A CUCAGACA	5300	TGTCTGAG GGCTAGCTACAACGA TGAGCAGG	22421
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8532	AGGAUUGA A CGACUCAG	5305	CTGAGTCG GGCTAGCTACAACGA TCAATCCT	22425
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8557	ACAGUUCG A CGUGGCAC	5307	GTGCCACG GGCTAGCTACAACGA CGAACTGT	22427
8570	GCACCACG A UGAGAACC	5308	GGTTCTCA GGCTAGCTACAACGA CGTGGTGC	22428
8576	CGAUGAGA A CCACCCAU	5309	ATGGGTGG GGCTAGCTACAACGA TCTCATCG	22429
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8615	CAGUUAUG A UGUGAAGC	5312	GCTTCACA GGCTAGCTACAACGA TCCAGGTT	22432
8651	GCUGGUCA A UGGAGUGG	5313		22433
8676	CUCUCAAA A CCAUGGGA	5313	CCACTCCA GGCTAGCTACAACGA TGACCAGC	22434
8684	ACCAUGGG A CACCAUCA	5314	TCCCATGG GGCTAGCTACAACGA TTTGAGAG	22435
8696	CAUCACGA A UGUUACCA	5316	TGATGGTG GGCTAGCTAGAACGA CCCATGGT	22436
8716	UGGCCAUG A CUGACACU	5317	TGGTAACA GGCTAGCTACAACGA TCGTGATG	22437
	·	231/	AGTGTCAG GGCTAGCTACAACGA CATGGCCA	22438

		1	able VI	
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8765	GAAGGUGG A CACGAAAG	5319	CTTTCGTG GGCTAGCTACAACGA CCACCTTC	22440
8781	GCUCCUGA A CCGCCAGA	5320	TCTGGCGG GGCTAGCTACAACGA TCAGGAGC	22441
8810	CGUGCUCA A UGAGACCA	5321	TGGTCTCA GGCTAGCTACAACGA TGAGCACG	22442
8815	UCAAUGAG A CCACCAAC	5322	GTTGGTGG GGCTAGCTACAACGA CTCATTGA	22443
8822	GACCACCA A CUGGUUGU	5323	ACAACCAG GGCTAGCTACAACGA TGGTGGTC	22444
8853	AGAGAAAA A CGUCCCAG	5324	CTGGGACG GGCTAGCTACAACGA TTTTCTCT	22445
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8880	CGAGAGGA A UUCAUAAG	5326	CTTATGAA GGCTAGCTACAACGA TCCTCTCG	22447
8897	AAAGGUCA A CAGCAAUG	5327	CATTGCTG GGCTAGCTACAACGA TGACCTTT	22448
8903	CAACAGCA A UGCAGCUU	5328	AAGCTGCA GGCTAGCTACAACGA TGCTGTTG	22449
8936	AGAGCAGA A UCAAUGGA	5329	TCCATTGA GGCTAGCTACAACGA TCTGCTCT	22450
8940	CAGAAUCA A UGGAGGAG	5330	CTCCTCCA GGCTAGCTACAACGA TGATTCTG	22451
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8976	GAUCCAAA A UUUUGGGA	5332	TCCCAAAA GGCTAGCTACAACGA TTTGGATC	22453
8986	UUUGGGAG A UGGUGGAU	5333	ATCCACCA GGCTAGCTACAACGA CTCCCAAA	22454
8993	GAUGGUGG A UGAGGAGC	5334	GCTCCTCA GGCTAGCTACAACGA CCACCATC	22455
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9049	ACAACAUG A UGGGAAAG	5337	CTTTCCCA GGCTAGCTACAACGA CATGTTGT	22458
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9284	CUAUGCUG A UGACACAG	5344	CTGTGTCA GGCTAGCTACAACGA CAGCATAG	22465
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9479	CGUCAUGG A UGUUAUCU CAGAGAAG A UCAGAGGG	5354	AGATAACA GGCTAGCTACAACGA CCATGACG	22475
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9657	GAAGAAAG A CUCAGCCG	5368	CGGCTGAG GGCTAGCTACAACGA TCTCAAAC	22488
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9787	AACCGUCA A CUGGAUGG	5376	CCATCCAG GGCTAGCTACAACGA TGCCACTC	22496
9792	UCAACUGG A UGGUAUGA	5377	TCATACCA GGCTAGCTACAACGA TGACGGTT TCATACCA GGCTAGCTACAACGA CCAGTTGA	22497
9800	AUGGUAUG A UUGGCAGC	5378	GCTGCCAA GGCTAGCTACAACGA CATACCAT	22498
9827	UUGCUCAA A CCAUUUCA	5379	TGAAATGG GGCTAGCTACAACGA TTGAGCAA	22499
				22500

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9862	AUGGAAGA A CACUGGUG	5383	CACCAGTG GGCTAGCTACAACGA TCTTCCAT	22503
9885	UGCCGAGG A CAGGAUGA	5384	TCATCCTG GGCTAGCTACAACGA CCTCGGCA	22504
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9894	CAGGAUGA A UUGGUAGG	5386		22506
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9944	CGUCCGCG A CACUGCUU	5389	AAGCAGTG GGCTAGCTACAACGA CGCGGACG	22510
9976	AUGCCCAG A UGUGGCUG	5390	CAGCCACA GGCTAGCTACAACGA CTGGGCAT	22511
10007	CAGAAGAG A CCUGCGGC	5391	GCCGCAGG GGCTAGCTACAACGA CTCTTCTG	22512
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10072	CCGGAAGA A CCACGUGG	5394	CCACGTGG GGCTAGCTACAACGA TCTTCCGG	22515
10105	GAGAGUGG A UGACAACA	5395	TGTTGTCA GGCTAGCTACAACGA CCACTCTC	22516
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10111	GGAUGACA A CAGAGGAC	5397	GTCCTCTG GGCTAGCTACAACGA TGTCATCC	
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10172		5403	GTCTTCCA GGCTAGCTACAACGA CCATTCAT	22524
	GAUGGAAG A CAAAACCC	5404	GGGTTTTG GGCTAGCTACAACGA CTTCCATC	22525 .
10177	AAGACAAA A CCCCAGUG	5405	CACTGGGG GGCTAGCTACAACGA TTTGTCTT	22526
10191	GUGGAGAA A UGGAGUGA	5406	TCACTCCA GGCTAGCTACAACGA TTCTCCAC	22527
10199	AUGGAGUG A CGUCCCAU	5407	ATGGGACG GGCTAGCTACAACGA CACTCCAT	22528
10218	UCAGGAAA A CGAGAGGA	5408	TCCTCTCG GGCTAGCTACAACGA TTTCCTGA	22529
10226	ACGAGAGG A CAUCUGGU	5409	ACCAGATG GGCTAGCTACAACGA CCTCTCGT	22530
10246	GCAGCCUG A UUGGCACA	5410	TGTGCCAA GGCTAGCTACAACGA CAGGCTGC	22531
10280	GGCAGAAA A CAUCCAGG	5411	CCTGGATG GGCTAGCTACAACGA TTTCTGCC	22532
10298	GGCUAUCA A CCAAGUCA	5412	TGACTTGG GGCTAGCTACAACGA TGATAGCC	22533
10312	UCAGAGCA A UCAUCGGA	5413	TCCGATGA GGCTAGCTACAACGA TGCTCTGA	22534
10322	CAUCGGAG A UGAGAAGU	5414	ACTTCTCA GGCTAGCTACAACGA CTCCGATG	22535
10337	GUAUGUGG A UUACAUGA	5415	TCATGTAA GGCTAGCTACAACGA CCACATAC	
10359	CUAAAGAG A UAUGAAGA	5416	TCTTCATA GGCTAGCTACAACGA CTCTTTAG	22536
10367	AUAUGAAG A CACAACUU	5417	AAGTTGTG GGCTAGCTACAACGA CTTCATAT	22537
10372	AAGACACA A CUUUGGUU	5418	AACCAAAG GGCTAGCTACAACGA TGTGTCTT	22538
10385	GGUUGAGG A CACAGUAC	5419	GTACTGTG GGCTAGCTACAACGA TGTGTCTT GTACTGTG GGCTAGCTACAACGA CCTCAACC	22539
10399	UACUGUAG A UAUUUAAU	5420		22540
10406	GAUAUUUA A UCAAUUGU	5421	ATTAAATA GGCTAGCTACAACGA CTACAGTA	22541
10410	UUUAAUCA A UUGUAAAU		ACAATTGA GGCTAGCTACAACGA TAAATATC	22542
10417	AAUUGUAA A UAGACAAU	5422	ATTTACAA GGCTAGCTACAACGA TGATTAAA	22543
10421	GUAAAUAG A CAAUAUAA	5423	ATTGTCTA GGCTAGCTACAACGA TTACAATT	22544
10424		5424	TTATATTG GGCTAGCTACAACGA CTATTTAC	22545
	AAUAGACA A UAUAAGUA	5425	TACTTATA GGCTAGCTACAACGA TGTCTATT	22546
10480	UAGUGUAA A UAGUUAAG	5426	CTTAACTA GGCTAGCTACAACGA TTACACTA	22547
10492	UUAAGAAA A UUUUGAGG	5427	CCTCAAAA GGCTAGCTACAACGA TTTCTTAA	22548
10544	UUGAGUAG A CGGUGCUG	5428	CAGCACCG GGCTAGCTACAACGA CTACTCAA	22549
10559	UGCCUGCG A CUCAACCC	5429	GGGTTGAG GGCTAGCTACAACGA CGCAGGCA	22550
10564	GCGACUCA A CCCCAGGA	5430	TCCTGGGG GGCTAGCTACAACGA TGAGTCGC	22551
10575	CCAGGAGG A CUGGGUGA	5431	TCACCCAG GGCTAGCTACAACGA CCTCCTGG	22552
10584	CUGGGUGA A CAAAGCCG	5432	CGGCTTTG GGCTAGCTACAACGA TCACCCAG	22553
10600	GCGAAGUG A UCCAUGUA	5433	TACATGGA GGCTAGCTACAACGA CACTTCGC	22554
10619	CCCUCAGA A CCGUCUCG	5434	CGAGACGG GGCTAGCTACAACGA TCTGAGGG	
10636	GAAGGAGG A CCCCACAU	5435	ATGTGGGG GGCTAGCTACAACGA CCTCCTTC	22555
10651	AUGUUGUA A CUUCAAAG	5436	CTTTGAAG GGCTAGCTACAACGA TACAACAT	22556
10664	AAAGCCCA A UGUCAGAC	5437		22557
10671	AAUGUCAG A CCACGCUA		GTCTGACA GGCTAGCTACAACGA TGGGCTTT	22558
10713	AGUCUGCG A UAGUGCCC	5438	TAGCGTGG GGCTAGCTACAACGA CTGACATT	22559
10729	CCAGGAGG A CUGGGUUA	5439	GGGCACTA GGCTAGCTACAACGA CGCAGACT	22560
10738	CUGGGUUA A CAAAGGCA	5440	TAACCCAG GGCTAGCTACAACGA CCTCCTGG	22561
	COGGGGGA A CAMAGGCA	5441	TGCCTTTG GGCTAGCTACAACGA TAACCCAG	22562

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10748	AAAGGCAA A CCAACGCC	5442	GGCGTTGG GGCTAGCTACAACGA TTGCCTTT	22563
10752	GCAAACCA A CGCCCCAC	5443	GTGGGGCG GGCTAGCTACAACGA TGGTTTGC	22564
10779	CCCCGGUA A UGGUGUUA	5444	TAACACCA GGCTAGCTACAACGA TACCGGGG	22565
10788	UGGUGUUA A CCAGGGCG	5445	CGCCCTGG GGCTAGCTACAACGA TAACACCA	22566
10802	GCGAAAGG A CUAGAGGU	5446	ACCTCTAG GGCTAGCTACAACGA CCTTTCGC	22567
10819	UAGAGGAG A CCCCGCGG	5447	CCGCGGG GGCTAGCTACAACGA CTCCTCTA	22568
10851	CCAGCCUG A CUGAAGCU	5448	AGCTTCAG GGCTAGCTACAACGA CAGGCTGG	22569
10876	GGGGAAGG A CUAGAGGU	5449	ACCTCTAG GGCTAGCTACAACGA CCTTCCCC	22570
10893	UAGUGGAG A CCCCGUGC	5450	GCACGGG GGCTAGCTACAACGA CTCCACTA	22571
10908	GCCACAAA A CACCACAA	5451	TTGTGGTG GGCTAGCTACAACGA TTTGTGGC	22572
10916	ACACCACA A CAAAACAG	5452	CTGTTTTG GGCTAGCTACAACGA TGTGGTGT	22573
10921	ACAACAAA A CAGCAUAU	5453	ATATGCTG GGCTAGCTACAACGA TTTGTTGT	22574
10932	GCAUAUUG A CACCUGGG	5454	CCCAGGTG GGCTAGCTACAACGA CAATATGC	22575
10941	CACCUGGG A UAGACUAG	5455	CTAGTCTA GGCTAGCTACAACGA CCCAGGTG	22576
10945	UGGGAUAG A CUAGGAGA	5456	TCTCCTAG GGCTAGCTACAACGA CTATCCCA	22577
10953	ACUAGGAG A UCUUCUGC	5457	GCAGAAGA GGCTAGCTACAACGA CTCCTAGT	22578
10970	UCUGCACA A CCAGCCAC	5458	GTGGCTGG GGCTAGCTACAACGA TGTGCAGA	22579
10995	GUGCGCCG A CAAUGGUG	5459	CACCATTG GGCTAGCTACAACGA CGGCGCAC	22580
10998	CGCCGACA A UGGUGGCU	5460	AGCCACCA GGCTAGCTACAACGA TGTCGGCG	22581
11019	GUGCGAGA A CACAGGAU	5461	ATCCTGTG GGCTAGCTACAACGA TCTCGCAC	22582

Input Sequence = AF196835. Cut Site = R/Y
Arm Length = 8. Core Sequence = GGCTAGCTACAACGA
AF196835 West Nile virus strain NY99-flamingo382-99, complete
genome

Table VII: WNV Amberzyme and Target Sequence

Table VII

Substrate	8	Beg ID	Ribozyme	Rz Seg
AGUAGUUC G CCUG	guene	3462	CACACAGG GGA GCCGUUAGGC UCCCIIIICAAGGA GCCGIIIIAGGC IICCGG GAACIIAGI	C S
guaceca e nene	GAGCU	3463	GCCGUUAGGC UCCCITICAAAGA ACCGITIBAAA IICCAAA	22363
UCGCCUGU G UGAGCUGA	CUGA	3464	GCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22584
	CAAA	3465	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22586
CAAACUUA G UAGUGUUU	IGUUU	3466		22587
o ugo		3467	CACAAACA GGA GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC UCCGGG UACUAAGU	22588
G UUU		3468	CUCACAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUACUAA	22589
o ng	1	3469	AAUCCUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACACUA	22590
o de		3470	AGCUCGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGUUAA	22591
e G		3471	ACAGCUCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGUGUU	22592
8		3472	AGAAACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGCACUG	22593
B 6	1	3473	GCCGUUAGGC	22594
GUUUCUUA G CACGAAGA		3474	UCUUCGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAAGAAAC	22595
AUCUCGAU G UCUA		3475	UNCUNAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGAGAU	22596
CCAGGAGG G CCCG		3476		22597
AGGCCCG G CAAGAGCC		3477		22598
CGGCAAGA G CCGG	Н	3478	GGA GCCGUUAGGC UCCCUUCAAGGA	22599
AGAGCCGG G CUGU		3479	GGA GCCGUUAGGC UCCCUUCAAGGA	22600
ទី ១	+	3480	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22601
g		3481	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22602
0 0	7	3482	GCCGUUAGGC	22603
ပ္ပင္ပ	7	3483		22604
0 0	7	3484		22605
G UGU	1	3485	GGA	22606
9000	1	3486	GGA GCCGUUAGGC	22607
	7	3487	8	22608
COA		3488	CAACAUAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCUUCA	22609
0 MG	7	3489	AGGCUCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGCCCU	22610
UAUGUUGA G CCUG	\dashv	3490	GGA	22611
GAUCGACG G CAAGO	7	3491	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22612
GGCAAGGG G CCAAT	7	3492	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22613
UACGAUUU G UGUU	7	3493	AGCCAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUCGUA	22614
CGAUUUGU G UUGG	1	3494	GGA GCCGUUAGGC UCCCUUCAAGGA	22615
	+	3495	gg	22616
cococone e cenoc	+	3496	GGA GCCGUUAGGC UCCCUUCAAGGA	22617
cocongec e noco	JUCAG	3497	CUGAAGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAAGAG	22618

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261	UUCUUCAG G UUCACAGC	3498	GCTIGHGAA GCA GCCGITIAGGC HCCCTTTCCTTTCAAGA GCCGTTTAGGC HCCAAGA GCA	2261
268	GGUUCACA G CAAUUGCU	3499	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUTAGGC TICCGGG TIGTAAACC	22620
274	CAGCAAUU G CUCCGACC	3500	GGA GCCGUUAGGC UCCCIUCAAGGA GCCGIIIAGGC IICCGGG AAIMIGCIIG	22627
286	Ø	3501	GGA GCCGIUAGGC UCCCIIICAAGGA GCCGIIIAAGC 170000 170000170	22622
289	CCCGAGCA G UGCUGGAU	3502	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCGGA HACHICAGA	22622
291	CGAGCAGU G CUGGAUCG	3503	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGCUCG	22624
308	O	3504	GCCGUDAGGC UCCGGG CUCUCCAU	22625
310	G UGA	3505	ACCUCUCC	22626
325	g CGA	3506	UNICAUCE GEA GCCGUNAGEC UCCCUNCAAGEA GCCGUNAGEC UCCGGG UGUUUGUU	22627
344	DO DO	3507	UCCGGG UCAGAAGG	22628
374	g ugc	3508	UCCGGG UGGUCAAG	22629
376	UGACCAGU G CUAUCAAU	3509	AUGRUNG GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGGG ACUGGUCA	22630
387	AUCAAUCG G CGGAGCUC	3510	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAUUGAU	22631
392	G CUC	3511	UCCGGG UCCGCCGA	22632
430	G CAG	3512	AAUUCCGG	22633
433		3513	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAAUUC	22634
443	CAUGAUUG G CCUGAUCG	3514	GCCGUUAGGC UCCGGG CAAUCAUG	22635
451	accugado e coagogua	3515	UCCGGG GAUCAGGC	22636
455	G CGU	3516	UGGCGAUC	22637
457	G UAG	3517	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGGCGA	22638
463	. 1	3518	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUACGC	22639
466	g UQA	3519	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUCCUA	22640
493		3520	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCCUU	22641
202		3521	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUCAUCA	22642
511		3522	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUVACCG	22643
520	G UCAC	3523	AUCUGUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCAGUAG	22644
529		3524	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUGUGA	22645
547		3525	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGGAA	22646
220		3526	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUGUUG	22647
266		3527	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGGUUC	22648
2/7	555 505 50	3528	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGCAUA	22649
577	- 1	3529	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGACAA	22650
286		3530	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUUG	22651
760	9390 P	3531	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUAUCC	22652
260	G CGA	3532	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUGUAU	22653
223	2	3533	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCAUAA	22654
878	g ugco	3534	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCAUU	22655
630	g cuan	3535	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGGGCA	22656
633	o acco	3536	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCACUGG	22657
637	UGCUGUCG G CUGGUAAU	3537	AUJACCAG GGA GCCGUJAGGC UCCCUUCAAGGA GCCGUJAGGC UCCGGG CGACAGCA 226	22658

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22659	22660	22661	22662	22663	22664	22665	22666	22667	22668	22669	22670	22671	22672	22673	22674	22675	22676	22677	22678	22679	22680	22681	22682	22683	22684	22685	22686	22687	22688	22689	22690	22691	22692	22693	22694	22695	22696	22697	00,00
CAGCCGAC	UCCGGG AGUCGAUG	CAACAGUC	ACCAACAG	UUUGUGCA	UGACUUUG	UGCUGACU	GUAGACUG	CUGACGUA	AUCUUCCA	GUGUCUUG	GUCUUGAG	UGCGUCUU	CUCCGACU	UGUCAGUG	ACUGUCAG	UUUCUCCG	UAGAGUGC	CCCCUCCU	UGUCCAUC	cuucauec	conconecc	CAAAUACC	AUAUCCAG	CAGGGCAU	CACCAGGG	UGCCACCA	GGCUGCCA	CAAUGACG	AUCCAACC	UCCCAAGC	AUGGUGUU	UCUCUGCA	AACUCUCU	ACAACUCU	AAACACAA	GACAAACA	ACGACAAA	AAUAGCAC	かい なん な な な な な な な な な な な な な な な な な な
UCCGGG	UCCGGG	DESCOR	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	DCCGGG	UCCGGG	DECEGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	DOCCEGG	UCCGGG	UCCGGG	ຄອອວວດ	UCCGGG	UCCGGG	nccese		ncceed	UCCGGG	UCCGGG	DCCGGG	DECEGG	DECEGG	COCOULT
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accemnagec	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	うじつとははしている
UCCCUUCAAGGA	GCCGUUAGGC UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	800 8 80tH100011
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC		GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC							ا ا		GCCGUUAGGC 1		GCCGUUAGGC		GCCGUUAGGC L	l .	GCCGUUAGGC L	GCCGUUAGGC L	* ウングははいつつつ
GAUCAUUA GGA	UGCACCAA GGA	, ,	ACUUUGUG GGA	ACUGCUGA GGA		GACGUAGA GGA		CUUCCAUA GGA	ucuugeug gaa	UVGAGUGG GGA	UCCGACUG GGA	ACCUCCGA GGA	GUCAGUGA GGA	UGUCUGCA GGA	UGUGUCUG GGA	CUAGAGUG GGA	CUUGUUCG GGA	CAUCCAAG GGA	ccuucaua aca	ccouguage gaa		UGUUUUUA GGA					•	- 1					GACAAACA GGA				, ,	ACCAAAAG GGA	なが ないしつかしし11
3538	3539	3540	3541	3542	3543	3544	3545	3546	3547	3548	3549	3550	3551	3552	3553	3554	3555	3556	3557	3558	3559	3560	3561	3562	3563	3564	3565	3566	3567	3568	3569	3570	3571	3572	3573	3574	3575	3576	3577
GUCGGCUG G UNAUGAUC	в В	GACUGUUG G UGCACAAA		UGCACAAA G UCAGCAGU	CAAAGUCA G CAGUCUAC	8	8	S S	ට්	CAAGACAC G CCACUCAA	CUCAAGAC G CAGUCGGA	AAGACGCA G UCGGAGGU	D D		5 0	5	GCACUCUA G CGAACAAG	адаледе в списалив	GAUGGACA G CACCAAGG	9 00	g UA		CUGGAVAU G CCCUGGUG	AUGCCCUG G UGGCAGCC	cccuagua a caacceuc	UGGUGGCA G CCGUCAUU	ဗ	ğ	6 0	GCUUGGGA G CAACACCA	AACACCAU G CAGAGAGU		9 0	G UU		UGUNUGUC G UGCUAUUG	uniguegu e channecu		UGCUTUUG G UGGCCCCA
641	665	699	671	678	682	685	691	969	707	719	731	734	741	751	753	770	778	793	908	814	822	829	868	874	877	880	883	890	897	905	915	922	925	927	931	934	936	942	949

Table VII

952	יווטפייטט פי פונפפווווווו	3570		
958	מספספספס פיברישוניים	3570	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22699
956		33/3	esa seccionasse necedneasa seccionasse neces	22700
500		3580	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22701
		3581	GGA GCCGUUAGGC	22702
986	- 1	3582	gg _A	22703
1009	- 1	3583	UCCAGACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCCA	22704
1011		3584	GCUCCAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCUUC	22705
1018		3585	GGA GCCGUUAGGC UCCCUUCAAGGA	22706
1027	5 O	3586	CAAAUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUGUUG	22707
1036	- 1	3587	UUCGAGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAUCCA	22708
1046		3588	AGCUGUCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCGAGA	22709
1052	AGGCGACA G CUGCGUGA	3589	UCACGCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCGCCU	22710
1055	CGACAGCU G CGUGACUA	3590	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22711
1057	ACAGCUGC G UGACUAUC	3591	GAUAGUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAGCUGU	22712
1068	- 1	3592	UCCUUAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUAGU	22713
1080		3593	AUGGUAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUCCUU	22714
1093		3594	CAUCTUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGAUGG	22715
1114		3595	UCCGGG	22716
1117	UGGAGGCG G UCAACCUG	3596	CAGGUUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO CGCCUCCA	22717
1126		3597	GCCGUUAGGC UCCGGG	22718
1132	- 1	3598	ACUGCGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUGCCA	22719
1136	უ ნ	3599	AAUAACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGACCUCU	22720
1139	8 8	3600	AGCAAUAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGGACC	22721
1145	CAGUUAUU G CUAUUUGG	3601	GGA GCCGUUAGGC UCCCUUCAAGGA	22722
1153	GCUAUTUG G CUACCGUC	3602	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22723
1159	8	3603	AUCGCUGA GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG GGUAGCCA	22724
1163	8	3604	AGAGAUCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACGGUA	22725
1180	8	3605		22726
1183	CCAAAGCU G CGUGCCCG	3606	₩ ₩	22727
1185	AAAGCUGC G UGCCCGAC	3607	GGA	22728
1187	AGCUGCGU G CCCGACCA	3608	gga gccguuaggc	22729
1204	UGGGAGAA G CUCACAAU	3609	GGA	22730
1220	UGACAAAC G UGCUGACC	3610	GGA	22731
1222	8 당	3611		22732
1231	CUGACCCA G CUUTUGUG	3612	CACAAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGUCAG	22733
1237	CAGCUTUT G UGUGCAGA	3613	UCUGCACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAGCUG	22734
1239	GCUUUUGU G UGCAGACA	3614	UGUCUGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAAAGC	22735
1241	บ	3615	CUUGUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACACAAAA	22736
1252		3616	GG.	22737
1255	AAGGAGUG G UGGACAGG	3617	CCUGUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUCCUU	22738
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1265	なのかのできた ひ ののかれりなりか	25.5		
1271	מסטטיים ס מסטיים	3618	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCUGUCC	22739
1222		3019	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAGCCC	22740
1771	GGGCAACG G CUGCGGAU	3620	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUUGCCC	22741
0821	CAACGGCU G CGGAUUAU	3621	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGUUG	22742
1292	AUUAUUUG G CAAAGGAA	3622	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAUAAU	22743
1301		3623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCUUUG	22744
1313	٥	3624	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUGUCA	22745
1315	0 0	3625	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAUGUGU	22746
1324	ပ် ပ	3626	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUUUGG	22747
1328		3627	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCAAAU	22748
1339	CUACCAAG G CAAUAGGA	3628	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGGUAG	22749
1374		3629	ACTUCGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGTUAGGC UCCGGG UUGAUAUU 227%	22750
1381	AGUACGAA G UGGCCAUU	3630	AAUGGCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUACU 2279	22751
1384	ACGAAGUG G CCAUUUUU	3631	AAAAAUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUUCGU 2276	22752
1393		3632	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAUGG	22753
1411	CAACUACU G UGGAGUCG	3633	CGACUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUAGUUG 2271	22754
1416	ACUGUGGA G UCGCACGG	3634	CCGUGCGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCACAGU 2279	22755
1419	GUGGAGUC G CACGGAAA	3635	UCCGGG GACUCCAC	22756
1441	ല സഭ	3636	GCCGUUAGGC UCCGGG CUGUGUGG	22757
1447	Ð	3637	GCCGUUAGGC UCCGGG UCCAACCU	22758
1456	ල ලැ	3638	UCCGGG CUGAGUGG	22759
1469		3639	UCCGGG UGAAUCUC	22760
1480	UCACUCCU G CGGCGCCU	3640	AGGCGCCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCGG AGGAGUGA 2276	22761
1483	CUCCUGCG G CGCCUUCA	3641	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAGGAG	22762
1485	0 0	3642	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGCAGG	22763
1503	B C	3643	UCUCCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUAGUGU 2276	22764
1522	AUGGAGAG G UGACAGUG	3644	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUCCAU	22765
1528	AGGUGACA G UGGACUGU	3645	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCACCU	22766
1535	AGUGGACU G UGAACCAC	3646	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCCACU	22767
1545	GAACCACG G UCAGGGAU	3647	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGGUUC	22768
1564		3648	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGGUGU	22769
1573	I	3649	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAGUAUG	22770
1582		3650	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCAUCA	22771
1596	ACAAAGAC G UUCUUGGU	3651	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUUGU	22772
1603	CGUUCUUG G UCCAUCGU	3652	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGAACG	22773
1610		3653	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGGACC	22774
1614		3654	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCACGAUG	22775
1617	g ago	3655	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUCACG	22776
1643		3656	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAAGGG	22777
1646	UUGGAGCA G UGCUGGAA	3657	UUCCAGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUCCAA 2277	22778

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	22779	22780	22781	22782	22783	22784	22785	22786	22787	22788	22789	22790	22791	22792	22793	22794	22795	22796	22797	22798	22799	22800	22801	22802	22803	22804	22805	22806	22807	22808	22809	22810	22811	22812	22813	22814	22815	22816	22817	22010
	SCHOOLS DECENDENTS SCHOOLS SCHOOLS SCHOOLS	GUCGUDAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAGCA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUACUUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAGUACU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUCUCU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAUUAA	GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC UCCGGG GUGUGGUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUUCGU 22	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACUGCU	UCCGGG UAUCACAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAUGCU 22	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCUCUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAGCUCC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAUGCA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGCUU	OCCOUDAGO UCCCUICAAGGA GCCGUUAGGC UCCGGG UCCAGCCA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAAUGG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAAAU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUUGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGACAGU 22	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCAACUU	GCCGUUAGGC UCCGGG CCGACGUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAAAUG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUCAAA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUACACU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUUUUC	OCCOUNAGE UCCCUICAAGGA GCCOUUAGGC UCCGGG UGCAAUUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUAGGUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAUAGG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACGCCA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUGAAC	GCCGUUNGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUQAAAGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGAGUCC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUGUCU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGACCU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGCCGU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAGUGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCACAGU	GGA GCCGIIIAGGC HCCCHICAAGGA GCCCGHIAGGC HCCCGG AATHICCAA
DAUGHT DAG			- 1	- 1	- 1				AUCACAGA	UGCUAUCA	GCCCAAUG	CUUGUGAG								1 1		1	!		1 1				- 1	. 1	. 1	- 1	- 1	. 1	- 1		1	- 1	AAUUCCAA G	GUGUACUG
3650	2020	2023	2000	3661	3662	3663	3664	3665	3666	3667	3668	3669	3670	3671	3672	3673	3674	3675	3676	3677	3678	3679	3680	3681	3682	3683	3684	3685	3686	3687	3688	3689	3690	3691	3692	3693	3694	3695	3696	3697
GGAGCAGII G CIICGAAGII		Gaacting of transpoor		3	AGAGAGAC G UUAAUGGA	UUAAUGGA G UUUGAGGA	AACCACAC G CCACGAAG		8	S UG	CUGUGAUA G CAUUGGGC	AGCAUUGG G CUCACAAG	AAGAGGGA G CUCUGCAU	GGAGCUCU G CAUCAAGC	UGCAUCAA G CUUUGGCU) 0		CCAUUCCU G UGGAAUUU			ŀ			CAUTUGAA G UGUAGAGU	UUUGAAGU G UAGAGUGA	9 0		9	AACCUAUG G CGUCUGUU	CCUAUGGC & UCUGUUCA	UGGCGUCU G UUCAAAGG	B)	GCUUUCAA G UUUCUUGG		AGACACAG G UCACGGCA	AGGUCACG G CACUGUGG	ACGGCACU G UGGUGUUG	GCACUGUG G UGUUGGAA	ğ	UUGGAAUU G CAGUACAC
1648	1655	1660	222	7007	1680	1689	1705	1713	1716	1720	1726	1733	1747	1752	1759	1765	1771	1780	1793	1801	1806	1812	1817	1827	1829	1834	1851	1854	1014	18/6	7,000	7000	1912	1000	7767	1928	1933	1936	1938	1361

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1950	GAATHIGCA G HACACHEG	3698	בייייג בבייי ההסבטני בבכיניים ביייי ייים ליבייים ביייים ביייים ביייים ביייים ביייים ביייים ביייים ביייים ביייים	0000
1958	GUACACUG G CACGGAUG	3699	GGA GCCGUUAGGC UCCCIIICAAGGA GCCGIIIIAGGC UCCGGG	22820
1973		3700	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22821
1978	CUUGCAAA G UUCCUAUC	3701	GCCGUUAGGC UCCGGG	22822
1989	ccuaucuc a ucaeueec	3702		22823
1993	UCUCGUCA G UGGCUUCA	3703	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22824
1996	0 E	3704		22825
2016		3705	CCCACUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUAGGUC	22826
2020	ල ගුල	3706	UCUGCCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCGUUA	22827
2024	GCCAGUGG G CAGAUUGG	3707	CCAAUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACUGGC	22828
2032	g CC CC	3708	GACAGUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCUGC	22829
2038		3709	GGA	22830
2050	ACCCUUUU G UUUCAGUG	3710	GGA GCCGUUAGGC	22831
2056	UUGUUUCA G UGGCCACG	3711	GGA GCCGUUAGGC	22832
2059	ည ပ	3712	GGA GCCGUUAGGC	22833
2065		3713	GGA GCCGUUAGGC UCCCUUCAAGGA	22834
2071		3714	GGA GCCGUUAGGC	22835
2077	ACGCUAAG G UCCUGAUU	3715	GGA GCCGUUAGGC	22836
2119	CAUACAUA G UGGUGGGC	3716	GGA	22837
2122		3717	GGA GCCGUUAGGC	22838
2126	O CAS	3718	CUCCUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACCACU	22839
2157	G CAC	3719	GGA GCCGUUAGGC UCCCUUCAAGGA	22840
2163	UGGCACAA G UCUGGAAG	3720	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22841
2171	GUCUGGAA G CAGCAUUG	3721	GGA GCCGUUAGGC UCCCUUCAAGGA	22842
2174	UGGAAGCA G CAUUGGCA	3722	GGA GCCGUUAGGC	22843
2180	5 0	3723	GGA GCCGUUAGGC UCCCUUCAAGGA	22844
2185	g G	3724	GGA GCCGUUAGGC UCCCUUCAAGGA	22845
2209	တ င်ဗိုင်	3725	GGA GCCGUUAGGC UCCCUUCAAGGA	22846
7777	O CAG	3726	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22847
2221	AGAGACUA G CCGCUCUA	3727	GGA GCCGUUAGGC	22848
2224	GACUAGCC G CUCUAGGA	3728	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22849
2239	B 0	3729		22850
2257	9	3730	GGA GCCGUUAGGC	22851
2266	g ugu	3731		22852
2268	B B	3732	GAGGUGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCCUCC	22853
2278	UCACCUCA G UUGGGAAG	3733	GGA	22854
2287		3734	AUGGACAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCCAA	22855
2290		3735	UUGAUGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCUUCC	22856
2299	UCCAUCAA G UGUUCGGA	3736	UCCGAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAUGGA	22857
2301	CAUCAAGU G UUCGGAGG	3737	CCUCCGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUGAUG	22858

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CGA 22859	t	19CG 22861	3AAC 22862	t	JCCA 22864	JUUG 22865		3AGC 22867	3GAG 22868	CAC 22869	NGC 22870	MUUG 22871	3ACG 22872	3ACC 22873	3AGC 22874	ACG 22875	1GAA 22876	CAA 22877	UCC 22878		ACGG 22880	JCAC 22881	ACGU 22882	JGUC 22883	GUG 22884	CAG 22885	3UCU 22886	IGAU 22887	1CCG 22888	AGC 22889	CAU 22890	:UUC 22891	ACU 22892	บัติบ 22893	CAU 22894	CAU 22895	CCG 22896	AGG 22897	00000
GGC UCCGGG UCCUCCGA	UCCGGG	GGC UCCGGG AGUGAGCG	GGC UCCGGG CUCCGAAC	UCCGGG	GGC UCCGGG GUUAUCCA	GGC UCCGGG AAUCCUUG	UCCGGG	GGC UCCGGG AGGAGAGC	GGC UCCGGO AACAGGAG	UCCGGG	UCCGGG	GGC UCCGGG GAGCAUUG	GGC UCCGGG CUAUCACG	GGC UCCGGG UAUGGACC		SGC UCCGGG GAGAACG	GGC UCCGGG UGCGAGAA	sec uccese uccuccaa	3GC UCCGGG AGAACUCC		UCCGGG	3GC UCCGGG ACGUUCAC	3GC UCCGGG GUGCACGU	acc ucceee ccaeueuc	SGC UCCGGG ACCCAGUG	SGC UCCGGG ACACCCAG	UCCGGG	sec ucceee ceecueau	<u>පෙ</u> ට ගදරයෙය හදහාලදදය	3GC UCCGGG AUCUCAGC	SEC UCCEGE UUCCACAU	sec uccese uccacuuc	SGC UCCGGG ACUCCACU	BGC UCCGGG AUCAUUGU	sec uccese cuccacau	sac uccase casuccau	SEC UCCEGG UUGUACCG	sec uccees sunucass	טטטוטווווט טטטטטוו טטג
ucccuucaaga gccguuaggc	UCCCUUCAAGGA GCCGUUAGGC	UUCAAGGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC	1	UCCCUUCAAGGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC	1	UCCCUUCAAGGA GCCGUUAGGC		UCCCUUCAAGGA GCCGUUAGGC		JUCAAGGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC	してしてはにじしても なびむなないはにししては																								
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC UCCCUUCAAGGA	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC UCCCUUCAAGGA	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC			GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	プログマははいしつつ
GCGGAAUG GGA	ACAGUGAG GGA	CCUCCGAA GGA	AGGACAUG GGA	AUCCAGGA GGA	AAUCCUUG GGA	GCCCCCAG GGA	CAGGAGAG GGA	AUCCACAA GGA	CCCAUCCA GGA	CAUUGAUG GGA	AUCACGAG GGA	ACCUAUCA GGA	GCUAUGGA GGA	CGUGAGAG GGA			UCCUCCAA GGA	GAGCAGAA GGA	AGGAAGAG GGA	CACGUUCA GGA		UCAGCGUG GGA	AGUGUCAG GGA	AUGGCACA GGA							. 1		UGUAUGAA GGA	AGCCUCCA GGA	CAUCCAAG GGA	UACTUGUA GGA	GGGUAAUA GGA	CCUUGUGG GGA	くしつ ししないししい!!
UCCGC 3738	ACUGU 3739	GGAGG 3740	GUCCU 3741	UGGAU 3742	AUU 3743		UCCUG 3745	UGGAU 3746	AUGGG 3747	CAAUG 3748	GUGAU 3749	UAGGU 3750	AUAGC 3751	UCACG 3752					JUCCU 3757	GUG 3758		Н	\exists				\dashv	7	7									7	CCA 3777
UCGGAGGA G CAUUC	g cac	യേ	G CAU	g ucc	ט	S C G	c cuc	g uug	g ugg	GUGGAUGG G CAUCA	GCAUCAAU G CUCGU	G UGA	G UCC	ල දැර	0 000		G UUG	G UUC		G UGA	CCGUGAAC G UGCAC	G CAC	G CUGA	g ugue		D D D	0 000	G CANG	- 1		G UGG	o ugu	9	G UGGA	G CUUC	G UACA	G UAUU	0	GCCACAAG G CCUAGCCA
2311	2318	2325	2333	2337	2349	2358	2365	2373	2376	2384	2392	2396	2403	2410	2418	2425	2428	2437	2442	2455	2461	2463	2467	2478	2480	2482	2495	2499	2505	2513	2519	2524	2526	2542	2548	2562	2568	2583	2591

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2596	AAGGCCITA G CCAAGAIIC	2778	f	0000
2614		3779	GGA GCCGITIAGGC UCCCTITICAAGGA GCCGTTTAGGC UCCGGG UAGGCCUU	22899
2629	AGGAAGGA G UGUGCGGU	3780	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCCII	22901
2631	GAAGGAGU G UGCGGUCU	3781	GCCGUUAGGC UCCGGG ACUCCUUC	22902
2633	9 CGG	3782	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACACUCCU	22903
2636		3783	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCACACU	22904
2647	UACGAUCA G UUUCCAGA	3784	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAUCGUA	22905
2661	AGACUGGA G CAUCAAAU	3785	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAGUCU	22906
2670	o ugg	3786	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUTUGAUG	22907
2677	G CAG	3787	CUUCACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCACA 229	22908
2680	G UGA	3788	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUUCCC	22909
2691	g CUG	3789	GUGUUCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGUCCUU	22910
2717	GGAGAAUG G UGUGGACC	3790	GGUCCACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUCUCC	22911
2719	AGAAUGGU G UGGACCUU	3791	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAUUCU	22912
2729	g ugu	3792	CCACGACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAAGGUCC 229	22913
2731	D D D D	3793	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAAGGU	22914
2734	g UGG	3794	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACACUAA	22915
2737		3795	UTUCUCAA GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG CACGACAC 229	22916
2757		3796	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCCCUC	22917
2763	G UCA	3797	GGA GCCGUDAGGC UCCCTUCAAGGA GCCGUDAGGC UCCGGG UUGUACAU	22918
2767		3798	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACUUGU	22919
2777		3799	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUUAGGU	22920
2785		3800	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGAGGC	22921
2810		3801	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUUUCC	22922
2818	D CCG	3802	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCAGC	22923
2831	G UAU	3803	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUCCC	22924
2842	S CACC	3804	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUAAA	22925
2854	o CCP	3805	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUUCUG	22926
2869		3806	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGGUGU	22927
2872	·	3807	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAAAGG	22928
2879		3808	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCAACC	22929
2897		3809	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCCUUG	22930
2912		3810	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUUCUGA	22931
43.14	onno e	3811	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGAUUCU	22932
2924		3812	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUUCCAA	22933
2932	GCUUAGAA G UGGAGGAU	3813	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUAAGC	22934
2951	o acac	3814	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAAAUCCA	22935
2960		3815	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUQAGA	22936
27.62		3816	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AUCCGAGU	22937
2980	UCCUGAAG G UCAGAGAG	3817	CUCUCUGA GA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCAGGA 229	22938

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	CAGAGAGA G CAACACAA	3818	UUGUGUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIJAGGC IICCGGG IICTCIICTIG	22939
3005	AACUGAAU G UGACUCGA	3819	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCAGUU	22940
3028	илаалдса в сивислла	3820	accentrage uccase cenuccan	22941
3031	GAACGGCU G UCAAGAAC	3821	UCCGGG AGCCGUUC	22942
3046		3822	GUGGAUCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGUUGU 229	22943
3056	G UG	3823	ACAGGUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGAUC 229	22944
3063	G UCC	3824	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCACU	22945
3080	รับ อ	3825	UGAGCCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAAUC 229	22946
3084		3826	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUUIC	22947
3096	O	3827	AGCUUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAUCAUU 229	22948
3102	ACGUGGAA G CUUGAAAG	3828	ucceee uuccaceu	22949
3112	UUGAAAGG G CAGUUCUG	3829	CAGAACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUUCAA 229	22950
3115	AAAGGGCA G UUCUGGGU	3830	ACCCAGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCCUUU 229	22951
3122		3831	UGACUUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGAACU 229	22952
3127		3832	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACCCA	22953
3137		3833	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUUUG	22954
3141	UCAUGUAC G UGGCCUGA	3834	UCAGGCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUACAUGA 229	22955
3144	UGUACGUG G CCUGAGAC	3835	GUCUCAGO GGA GCCGUJAGGC UCCCUUCAAGGA GCCGUJAGGC UCCGGG CACGUACA 229	22956 -
3153		3836	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUCAGG	22957
3162		3837	UCCGGG AAGGUAUG	22958
3167		3838	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCACAAG	22959
3185		3839	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCAAGG	22960
3202	UAAUACCA G UCACACUG	3840	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUAUUA	22961
3211	UCACACUG G CGGGACCA	3841	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUGUGA	22962
3224		3842	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUGGU	22963
3246		3843	GUCUUGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGGUCU 229	22964
3266	၁၁၁ ၅	3844	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CCUGGUUU	22965
3281		3845	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCGUCC	22966
3286	AAGGCCGG G UAGAGAUU	3846	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGGCCUU	22967
3308	CGAUUACU G CCCAGGAA	3847	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUAAUCG	22968
3322		3848	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUAGUUC	22969
3332	ט	3849	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGGGUG	22970
3338	- 1	3850	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCACUC	22971
3341		3851	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUCUCA	22972
3350	CGGACACC G UGGACCUG	3852	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGUCCG	22973
3358	GUGGACCU G CCACUCGC	3853	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCCAC	22974
3365	UGCCACUC G CACCACCA	3854	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUGGCA	22975
3380		3855	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCUGUG	22976
3387	g and	3856	dan eccentrage ucccutcaaga eccentrage ucceae unoccecu	22977
3402	ACAGAUUG G UGCUGCAG	3857	CUGCAGCA GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCUGU 229	22978

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22979	22980	22981	22982	22983	22984	22985	22986	22987	22988	22989	22990	22991	22992	22993	22994	22995	22996	22997	22998	22999	23000	23001	23002	23003	23004	23005	23006	23007	23008	23009	23010	23011	23012	23013	23014	23015	23016	23017	23018
GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAAUCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCACCAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGCAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUCCUG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGGUGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAGUGGU	cce gea geceuvaged ucceuveaaga geceuvaged ucegea ugucaguu	CAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUGUCA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGCUG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACAGCC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUACCAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGGGUCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAGGGU	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGCACGAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUGACU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCACUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUAUAAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAAAAGO	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAACUGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCAGAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGACCAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGAACA	GGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAGGACC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUGCG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCCACC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAUCUUG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGCUGAU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCAUGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAGUA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAGCAAU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGCAGAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGACUA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAGGAC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCAAAC	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AUCAGUGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCAGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAACACA	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGCGUA
П	1	1	4			4 AACAGCCG	5 ACCAACAG	6 CAUACCAA			9 UGACUGCA																	4	4			4							7 CAAGAUGA
3858	3839	3860	3861	3862	3863	3864	3865	3866	3867	3868	3869	3870	3871	3872	3873	3874	3875	3876	3877	3878	3879	3880	3881	3882	3883	3884	3885	3886	3887	3888	3889	3890	3891	3892	3893	3894	3895	3896	3897
AGAUUGGU G CUGCAGGA	CAGGAGGA	5 [≀	CAGGAGCU G CACCUUAC		0	이	D O	CAGCGGCU G UUGGUAUG	GGCUGUUG G VAUGGUAU	UUGGUAUG G UAUGGAGA	AGACCCUC G UGCAGUCA	5	9	AGUCACAA G UGAAUGCU	AAGUGAAU G CUUAUAAU	CUUAUAAU G CUGAUAUG	CCUUUUCA G UUGGGCCU	D D		g ug	စ	UGUUCUUG G CCACCCAG	CCCAGGAG G UCCUUCGC	GGUCCUUC G CAAGAGGU	g Q		CAAGAUCA G CAUGCCAG	AUCAGCAU G CCAGCUAU	GCAUGCCA G CUAUACUG	UACUGAUU G CUCUGCUA		o ncc	g ugi	guccuagu a unuagaga	GUUUGGGG G CAUUACUU		ACUGAUGU G UUACGCUA	g G	UACGCUAU G UCAUCUUG
3404	3412	27.5	34.16	3432	3434	3449	3452	3455	3459	3464	3505	3507	3510	3517	3523	3532	3555	3560	3568	3571	3573	3580	3592	3599	3606	3613	3623	3627	3631	3643	3648	3652	3658	3660	3668	3685	3687	3692	3697

3706	UCAUCUUG G UGGGGGCA	3898	VGCCCCCA GGA GCCGUUAGGC VCCCUUCAAGGA GCCGUUAGGC VCCGGG CAAGAUGA	23019
3712	UGGUGGG G CAGCUUUC	3899	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCACCA	23020
3715		3900	UCCGGG UGCCCCCA	23021
3721	CAGCUTUC G CAGAAUCU	3901	AGAUUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAAGCUG 230	23022
3745		3902	gucaccac	23023
3748	GAGACGUG G UACACUUG	3903	GGA GCCGUDAGGC UCCCUCAAGGA GCCGUDAGGC UCCGGG CACGUCUC	23024
3757	UACACUUG G CGCUCAUG	3904	GGA GCCGUVAGGC UCCCVVCAAGGA GCCGVVAGGC UCCGGG CAAGUGVA	23025
3759		3905	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAAGUG	23026
3766	0	3906	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGAGCG	23027
3787	D NG	3907	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUGUA	23028
3789		3908	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGGUUG	23029
3796	UGUNUANG G NGGCANCG	3909	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUAAACA	23030
3799	UNAUGGUG G CAUCGUUU	3910	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCAUAA	23031
3804	- 1	3911	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGCCAC	23032
3814	9	3912	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGAGAA	23033
3843	ğ	3913	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AAAAUGUU	23034
3849		3914	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAACAA	23035
3853	UGAUGUUG G CGGCUGUU	3915	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACAUCA	23036
3856	uatuagea a cuanutuc	3916	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCAACA	23037
3859		3917	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGCCA	23038
3874	5	3918	GUGAUAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUUGAA 230	23039
3886	AUCACGAU G CCCGCCAA	3919	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGUGAU	23040
3890	CGAUGCCC G CCAAAUUC	3920	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCAUCG	23041
3900		3921	OGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAUUUG	23042
3919		3922	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAGGGA	23043
3921	CCUGAUGU G UUGAAUUC	3923	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCAGG	23044
3934	AUUCACUG G CGGUAGCU	3924	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUGAAU	23045
3937	CACUGGCG G DAGCUUGG	3925	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCAGUG	23046
3940	UGGCGGUA G CUUGGAUG	3926	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACCGCCA	23047
3958	UACUGAGA G CCAUAACA	3927	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCAGUA	23048
3985		3928	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUUGAUG	23049
3988	0 000	3929	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGUUUG	23050
3991	e l	3930	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCACGU	23051
3996		3931	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGAACAAC	23052
3999		3932	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCGGAAC	23053
4003	CGCUGCUA G CCCUGCUA	3933	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGCAGCG	23054
4008	S S	3934	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGCUAG	23055
4020	o Caro	3935	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGGGUGU	23056
4028	0	3936	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUCAGC	23057
4042	AUCUGGAU G UGUACAGG	3937	CCUGUACA GGA GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC UCCGGG AUCCAGAU 230	23058

23059	t	7 23061	23062	23063	7 23064	23065	7 23066	23067	23068	23069	7 23070	23071	23072	23073	23074			23077	23078	23079			23082	1 23083	23084	23085	7 23086		23088	23089	23090	23091	23092	7 23093	23094	33095	23096	23097
UCCGGG ACAUCCAG		UCCGGG AGCAGUAU	UCCGGG CAUCAACA	uccege cuatucce	UCCGGG UGCCUAUU	uccees uccucuuc	UCCEGE ACUCCUCU	uccese uscacuco	UCCGGG AGCUGCAC	uccees uccurren	uccees unecuccu	UCCGGG AGACUUGC	UCCGGG AUAGCAGA	UCCGGG CAAGCAUA	UCCGGG UAGAGCCA	UCCGGG AAGGAUCA	UCCGGG AGCAAGGA	UCCGGG AAUCAGUC	UCCGGG AUGCAAUC	uccese esuuseam	uccess summaces	uccega cauccece	UCCGGG GGGCCAUC	ucceee uuckeuue	uccese ugucauca	UCCGGG AGCUGUCA	UCCEGG CGACAGCU		UCCGGG AAACAUUA	UCCGGG GAUGGCAA	UCCEGE CCUCCGAC	Uccese caeccouc	UCCGGG UCUGCCAG	UCCGGG CAUGGAGU	UCCEGG GAUAGUCA	UCCGGG CCCGCGAU	UCCGGG AUGAGCCC	UCCGGG AAACAUGA
GCCGUIAGGC UCC		accedunagec ucc		GCCGUUAGGC UCC	GCCGUUAGGC UCC	GCCGUUAGGC UCC	•	accavunage ucc	acceuvage voc	GCCGUUAGGC UCC	acceuvagec ucc	accevuage ucc		GCCGUUAGGC UCC	accennagae ucc	GCCGUUAGGC UCC	accevuagec ucc	accavinages ucc	acceuvagec ucc	accautagec ucc	accennage ucc	accavinages ucc	accamagga ucc	accevnaage ucc	SCCGUUAGGC UCC	accavuage ucc	accannaggc ucc	accavinagac ucc		accavinagac vcc	accennagec ucc	١.,	accevinage ucc	accennagec ucc	GCCGUUAGGC UCC	accevinages ucc	accannagge ucc	GCCGUUAGGC UCC
UCCCUIICAAGGA	١.	UCCCUUCAAGGA C	١.	UCCCUUCAAGGA	UCCCUUCAAGGA C	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA C	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA O	UCCCUUCAAGGA C	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA G	•	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA C	UCCCUUCAAGGA G	UCCCUUCAAGGA C	UCCCUUCAAGGA G	. 1		UCCCUUCAAGGA G	ucccuucaagga g	١.	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA G	UCCCUUCAAGGA G
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accemaeec	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
AUCCUGUA GGA	1	ACCAUCAA GGA	UAUUCCGA GGA	UCAAGCUG GGA	UGAUCAAG GGA		UGCAGCUG GGA	UUUUGCAG GGA	CONTINUE GGA	CAGACUUG GGA	AUAGCAGA GGA	AAGCAUAG GGA	GAGCCAAG GGA	GGCUAGAG GGA	UGUUGAGG GGA	UCCAGCAG GGA	•	AUCACAUG GGA	UGGGAUCA GGA	CGCGUUUA GGA	GCCAUCCG GGA	GUUGCGGG GGA	UUCAGUUG GGA	UGUCAUCA GGA	GCCGACAG GGA	UAGGCCGA GGA	ACAUUAGG GGA	1	1	CCCUCCGA GGA	UCUGCCAG GGA	AAGCUCUG GGA	AUGUCAAG GGA	UGGAAUGG GGA	GAGCCCCG GGA	AACAUGAG GGA	GCAGCAAA GGA	GAAAGCAG GGA
3938	3939	3940	3941	3942	3943	3944	3945	3946	3947	3948	3949	3950	3951	3952	3953	3954	3955	3956	3957	3958	3959	3960	3961	3962	3963	3964	3962	3966	3967	3968	3969	3970	3971	3972	3973	3974	3975	3976
U G UACAGGAU	U G CUGUUGAU	U G UUGAUGGU	G G UCGGAAUA	CGGAAUAG G CAGCUUGA	A G CUUGAUCA	g UG	g Ca	ဗ	U G CAAAAAG	25 0	A G UCUGCUAU	u e cuaugcuu	u e congecuc	g ca	A G CCUCAACA	UGAUCCUU G CUGCUGGA		J G CAUGUGAU	a ugz	G UAU	c e cegaugec	свсевале в сссесалс	GAUGGCCC G CAACUGAA	CAACUGAA G UGAUGACA	иваиваса в сивисвес	J G UCGGCCUA	3 G CCUAAUGU	J G UUUGCCAU	u e ccauceuc	G UC		ð	A G CUUGACAU	3 G CCAUUCCA	ට ල ලඅඅලදාද	3 G CUCAUGUU	യ വ	u a cuacumo
CUGGAUGU G UA	AGGAUACU	AUACUGCU	UGUUGAUG	CGGAAUAG	AAUAGGCA G CUI	GAAGAGGA	AGAGGAGU	GGAGUGCA	GUGCAGCU	AGAAAGGA	AGGAGCAA	GCAAGUCU G CUR	UCUGCUAU G CUI	UAUGCUUG	UGGCUCUA	UGAUCCUU	vccvvacu	GACUGAUU G CAI	GAUUGCAU G UGA	UCCCAACC	CCGUAAAC	CGCGGAUG	GAUGGCCC	CAACUGAA	UGAUGACA	voacageu o vec	AGCUGUCG	GGCCURAU G UU	UAAUGUUU G CCA	UVGCCAVC	GUCGGAGG	амаваста в	CUGGCAGA	ACUCCAUG G CCA	UGACUAUC G CGG	AUCGCGGG G CUC	GGGCUCAU	UCAUGUUU
4044	4056	4059	4066	4076	4079	4100	4102	4105	4108	4123	4127	4131	4136	4141	4147	4180	4183	4195	4199	4211	4217	4224	4228	4237	4246	4249	4253	4260	4264	4270	4278	4282	4287	4306	4324	4329	4335	4339

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	g UGAUGCAG	3981	CUGCAUCA GGA GCCGUUAGGC	GCCGUUAGGC UCCGGG	23102
	G CAGAAAUU	3982	AAUUUCUG GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACUUU	23103
	JCGAGCG	3983	CGCUCGAG GGA GCCGUUAGGC		23104
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_	ദേദധവ	3986	AAGCCGCA GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAACUC	23107
, ,	g cagcuuga	3987	UCAAGCCG GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCAAC	23108
	G CUUGAUGA	3988	GGA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCACAUC	23109
AACUUCCA G CU	g cuchugaa	3989	UUCAUGAG GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGAAGUU	23110
AUCCAGGA G CA	cconee	3990	CCAAGGUG GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGGAU	23111
AUAUGGAU G CU	I G CUCAGAAU	3991	AUUCUGAG GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUAU	23112
UCAGAAUG G UC	nencoc	3992	GAGACAGA GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUCUGA	23113
	g ucucacaa	3993	UCGCGAGA GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACCAUU	23114
ucuencac e ce	G CGAUUAGU	3994	ACUAAUCG GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGACAGA	23115
CGCGAUUA G UGCGUACA	CGUACA	3995	UGUACGCA GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAAUCGCG	23116
COAUUAGU G CGUACACC	UACACC	3996	GGUGUACG GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAAUCG	23117
	CACCCC	3997	GGGGUGUA GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCACUAAU	23118
	G CAAUCUUG	3998	CAAGAUUG GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGGGGG	23119
	g cccucagu	3999	ACUGAGGG GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAUUGC	23120
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CCUCAGUA G UU	ය ග්රයෙන්ග ග	4001	GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACUGAGG	23122
GAGAGGAG G CG	guaran	4002	gga gccguuaggc	1.	23123
GAGGAGGC G UG	UUGUGG	4003	GGA		23124
GGAGGCGU G UU(GUGGGA	4004	GGA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCCUCC	23125
geceveur e ug	GGACAC	4005	GGA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACACGCC	23126
CCAAAGGA G UA	G UACAAAAA	4006	GGA	GCCGUUAGGC	23127
GACCACCG G CGUCUACA	UCUACA	4007	₹55 5	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGUGGUC	23128
	UACAGG	4008	CCUGUAGA GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGGUGG	23129
9	ageuge	4009	GCAGCCCA GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUCAUG	23130
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රම්ගය්ශ්රීම ශ රහ	CGGCAG	4011		UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCCACG	23132
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GCUCGGCA G UU	AUCAAG	4013	GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGCCGAGC	23134
٥	GGAGCG	4014	GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAUAAC	23135
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AGGAGCGG G CG	UGAUGG	4016	GGA GCCGUUAGGC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGCUCCU	23137
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ACUAUCGC	CCUGCACU	UCAUCCAU	UGGGAUUG	AUCUCAGG	AGUGAUCU	CGGGAUGG	GCCGGGAU	CGGCGCCG	AGAAUCCU	CUCUUUGA	UGUUCUCA	agecuantic	ACGGCUGU	UAGCACGG	ccuaanna	AACCCUGG	CACAACCC	AGCCACAA	CAUCUCAG	UUCAGCCA	AGUCCUCU	CGGAUGGG	GGAUGUCU	UGCGGAUG	ACUGCGGA	AAUCUCAU	AUCAACAA	UGACAUC	ACAUGACA	AUGACACA	വദവദേദവ	AUCAGCCU	CCUGUGAG	ACCCUGUG	AGGUUGUA	GAACAGGU	CUCAUCCA	ивсеисве	UAGCUGGG
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4058	4059	4060	4061	4062	4063	4064	4065	4066	4067	4068	4069	4070	4071	4072	4073	4074	4075	4076	4077	4078	4079	4080	408I	4082	4083	4084	4085	4086	4087	4088	4089	4090	4091	4092	4093	4094	4095	4096	4097
GCGAUAGU G CAGGGUGA	AGUGCAGO G UGAAAGGA		CCCA G CCGGAUUC	AGAU G CUGAGGAA	CACU G VACUGGAU	CCAUCCCG G CGCCGGUA		E C	0		AACA G CCGUGCUA	GAACAGCC G UGCUAGCA		5	ğ	g g	JGUG G CUGCUGAG	UVGUGGCU G CUGAGAUG			ပ္ပ		AUCC G CAGUGCCC				၌ ဗ				o CGC	G UCU	9	SGGU G CCGAACUA	UACAACCU G UUCGUGAU			8	CUA G CAUUGCAG
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5109	5114	5130	5140	5160	5182	5201	5203	5207	5226	5245	5269	5272	5274	5278	5290	5293	5296	5299	2308	5314	5328	5337	5350	5353	5355	5383	5389	5394	2396	5401	5418	5424	5437	5439	5454	5458	5470	5488	5492

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	4101	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUGUGG	23222
AAGGUCGA G CUAGGGGA	4102	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGACCUU	23223
UAGGGGAG G CGCCGCCA	4103	NECCECCE GAN GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGCGUA 23:	23224
٥	4104	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCUCCC	23225
3	4105	OCCOUNAGE UCCONCAAGGA GCCOUNAGGC UCCGGG CGCCGCCU	23226
ଠ	4106	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCAUGA	23227
5	4107	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CUGGUGGG	23228
O	4108	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGGAA	23229
CGGAUCGA G CUUGGAAC	4109	GUUCCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGAUCCG 23:	23230
GGAAGACG G UUUGGUUU	4110	ucceee ceucuucc	23231
g UM	4111	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACCGU	23232
g Q	4112	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACCAAA	23233
UGGUUUGU G CCUAGUGU	4113	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAACCA	23234
UGUGCCUA G UGUCAAGA	4114	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGGCACA	23235
UGCCUAGU G UCAAGAUG	4115	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAGGCA	23236
	4116	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AAUCUCAU	23237
1	4117	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGGGCA	23238
ø	4118	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGUAGG	23239
	4119	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUUGUA	23240
	4120	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUVCUUUC	23241
AGAAAGUA G UCCAAUUG	4121	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACUUCU	23242
AACAGAAA G UCGUACGA	4122	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCUGUU	23243
AGAAAGUC G UACGAGAC	4123	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG GACUUUCU	23244
	4124	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGUCUC	23245
	4125	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUUUGGG	23246
9 007	4126	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCCC	23247
AAAUGGGG G CUAACUUC	4127	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCAUUU	23248
ACUUCAAG G CGAGCAGG	4128	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGAAGU	23249
CAAGGCGA G CAGGGUGA	4129	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGCCUUG	23250
- 1	4130	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGCUCG	23251
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CCGGAAGA G UGUGAAAC	4132	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCCGG	23253
GGAAGAGU G UGAAACCA	4133	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUUCC	23254
AAGGGAGA G UGAUCCUG	4134	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCCCUU	23255
AACCAUCU G CAGUGACA	4135	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUGGUU	23256
CAUCUGCA G UGACAGCA	4136	UGCUGUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAGAUG 232	23257
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ווכרויבוויבווי	מבריספיים ביי	UAGCUGCU	ACUAGCUG	GGCACUAG	ദ്ധസ്സഭഭ	GUCCACGU	CGAUACGU	GGAUUUCU	GACGGAUU	UCCGGG UUGCGACG	CAACUUGC	UCAUCACC	AGUACUCA	CCCCAUA	GAAGUUCG	CUCAGUCC	AUGAUUCG	AUGUUGAU	GAUCAGUC	ucugguug	acucuagu	CUUCUCAC	CGGUAUUC	AGUUCCAG	AGUCCUCA	AGAUCUGC	UGGCAGAU	CAAACUGG	CAGCCAAA	CUUGUAAG	AACCUUGU	UGCAACCU	CGCUGCAA	UCCAGCCG	ACUCCAGO	cucceauc	CACCUCCG	ACCACCUC	CAUCAAAG	uncennen
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GGCACUAG GGA				- 1			GAUTUCCUA GGA	ACTUGGGA GGA	CCAACUUG GGA	AUCACCAA GGA	ACUCAUCA GGA	UAACAGUA GGA	CCCCAUAA GGA	UNCGUGUG GGA			1	cceuuugg gga	GAAUUGAG GGA	UUCUCACG GGA	CCUUCUCA GGA		ссисидав вва				CAGCCAAA GGA	- 1	- 1				•	. 1	- 1		UCAAAGCA GGA			GACUUCCA GGA
4138	4139	4140		7,7,7	4142	4143	4144	4145	4146	4147	4148	4149	4150	4151	4152	4153	4154	4155	4156	4157	4158	4159	4160	4161	4162	4163	4164	4165	4166	4167	4168	4169	4170	41/1	4172	4173	4174	4175	4176	4177
G CUAGUGCC	G UGCCGCCC		40404000	במשמשים ה הבישמשים	G UGGACGUA	G UAUCGGUA	Ś۱	gi	G CAAGUUGG	g uuggugau	G UGAUGAGU			G CACACGAA	g cccauugo	g cacgaauc	G CUGGACAA	AUCAACAU G CCAAACGG	g cucaauuc	в свивавал		G UAUAUACC	G CUCAGAGG	CUGGAACU G UUGAGGAC		g ccaguuug	g unuggene	ccagodog g coggedoa	COUACAAG		s caeceacu	G CGGCUGGA	e cuedacue	s ugucanac	g UCAUACCA	s ueguacuu	3 UGCUUUGA	G CUUUGAUG	g uccuadaa	G UGGAAGUC
UGACAGCA G CU	AGCAGCUA	CAGCUAGU		つつかのかいつ	THOUSE OF			AGAAAUCC	AAUCCGUC	CGUCGCAA	GCAAGUUG G UG	GGUGAUGA G UA		VAUGGGGG			CGAAUCAU	AUCAACAU				GUGAGAAG	GAAUACCG	CUGGAACU (UGAGGACU G CAC		AUCUGCCA	CCAGOUUG	000 8 80088000	COUNCARG G 00G	ACAAGGUU G CAG	AGGOOGCA	PUNGCAGC C		GCUGGAGU G	CACCEGAGE & UGGUGCUU	- 1		CUUUGAUG	ACAACGAA C
5968	5972	5974	5977	5987		2222	5939	6009	6012	6016	6020	6027	6032	6042	0/00	5000	9039	6114	6130	6150	6152	6160	6186	6222	6232	6240	6244	6549	6553	7070	6265	9450	1,70	0477	6773	1670	6300	6302	1150	0347

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6355	AAGIIGAA G IICAIICAG	4170		
+	AUCACGAA G CITICGIIGA	4170	UCCGGG	23299
6371	ğ	4180	GGA GOOGHIAGGO MOOTHINGS GOOGHIAGGO UCCGGG	23300
6390		4181	GON COCHIMAGE UCCCUCARGEA GCCGUAGGC UCCGGG	23301
6393		7707	GEA GEOGRAPHIC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23302
6395		4102	GA GCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG	23303
6406		4184	Gen Geographica Weer Under Gen General General Control of the Cont	23304
6412		4185	Gen Gerennager Herennenagen Gergundege Ucegeg	23305
6414		4186	GGA GCCGIIIIAGG HOCCHIICAAGGA GCCGUUAGGC	23306
6430		4187	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUIAGGC IICCGGG	23307
6439	8	4188	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIIAGGC IICCGGG	23200
6441	CURARGGC G UUCAAGGA	4189	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIIAGGC IICCGGA	23310
6454	AGGACTUC G CCUCGGGA	4190	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23311
6467		4191	GCCGUUAGGC UCCGGG	23312
6480	0 C	4192	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23313
7	- 1	4193	UCCCAGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAAUGA	23314
6504		4194	GCCGUUAGGC UCCGGG	23315
6510		4195	AUGAAGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGGCAU	23316
6535	CAUGGGAA G CACUUGAC	4196	GCCGUUAGGC UCCGGG	23317
6549	5	4197		23318
6553	- 1	4198	GGA	23319
		4199	GGA	23320
6229	ACGUUGUG G CCACUGCA	4200	GGA GCCGUUAGGC	23321
6265	UGGCCACU G CAGAGAAA	4201	GGA GCCGUUAGGC	23322
6583	GAGGAAGA G CUCACAGA	4202	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23323
1		4203	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23324
5000	3 6	4204	GGA GCCGUUNGGC	23325
9799	Geccadal G cocoocag	4205	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23326
1600	AGACAAUU G CCUUGAUU	4206	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23327
200	CCOUANUG CCUUANUG	4207	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23328
1	COUADUGA G UGUGAUGA	4208	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23329
7000	9	4209	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23330
/999	e UA	4210	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23331
+	5	4211		23332
1890	CUCAUGCA G CGGAAGGG	4212	GGA GCCGUUAGGC	23333
2600	GCGGAAGG G CAUUGGAA	4213	GGA GCCGUUAGGC	23334
+		4214	GGA GCCGUUAGGC	23335
6719	UUUGGGAG G CGCUGUCU	4215	GGA GCCGUUAGGC	23336
17/0	usedAggc g cugucuug	4216	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23337
4	GAGGCGCO G DCUUGGGA	4217	UCCCAAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCGCCUC	23338

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6733	UCUUGGGA G UCGCGACC	4218	GGUCGCGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGAGG UCCCAAGA 233	23339
6736		4219		23340
6749		4220	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAAAAG	23341
6757	GUUGGAUG G CUGAAGUU	4221	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCAAC	23342
6763	UGGCUGAA G UUCCAGGA	4222	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAGCCA	23343
6781	CGAAGAUC G CCGGAAUG	4223	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUCUUCG	23344
6789	ğ	4224	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCCGGC	23345
6792	미	4225	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAUUCC	23346
6795		4226	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAACAU	23347
6817	ğ	4227	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAUCA	23348
6819	AUGAUUGU G CUAAUUCC	4228	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAUCAU	23349
6831	AUUCCUGA G CCAGAGAA	4229	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGGAAU	23350
6840	CCAGAGAA G CAACGUUC	4230	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUCUGG	23351
6845	GAAGCAAC G UUCGCAGA	4231	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGCUUC	23352
6849	CAACGUUC G CAGACAGA	4232	UCUGUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAACGUUG 233	23353
6864	GACAACCA G CUAGCCGU	4233	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUGUC	23354
6868	ACCAGCUA G CCGUGUUC	4234	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGCUGGU	23355
6871	AGCUAGCC G UGUUCCUG	4235	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUAGCU	23356
6873		4236	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGGCUAG	23357
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6886		4238	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAAUCA	23359
6898	UGACCCUU G UGAGCGCA	4239	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGGUCA	23360
6902	CCUUGUGA G CGCAGUGG	4240	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCACAAGG	23361
6904	UUGUGAGC G CAGUGGCA	4241	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUCACAA	23362
6907	g	4242	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGCUCA	23363
6910	GCGCAGUG G CAGCCAAC	4243	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUGCGC	23364
6913	CAGUGGCA G CCAACGAG	4244	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCACUG	23365
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6930	AUGGGUUG G CUAGAUAA	4246	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACCCAU	23367
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6959	B B	4249	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUUAUG	23370
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6969	UUGUUUGG G CAAAGAAU	4251	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAACAA	23372
6982	дааллдад в псаавдав	4252	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAAUUC	23373
6998	GAAUUUCA G CAUGGGAG	4253	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UQAAAUUC	23374
7008	AUGGGAGA G UNUCUUUU	4254	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCCCAU	23375
7026	GACUUGAG G CCGGCAAC	4255	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAAGUC	23376
7030	3	4256	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCUCA	23377
7036	CGGCAACA G CCUGGUCA	4257	UGACCAGO GGA GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC UCCGGG UGUUGCCG 233	23378

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7041	ACAGCCUG G UCACUGUA	4258	000001	
7047	UGGUCACU G DACGCUGU	4259	GGA GCCGITTAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23379
7051	CACUGUAC G CUGUGACA	4260	GGN GOCGITTACOO TOCOMICANOS GCCGOODAGGC OCCGGG	23380
7054		1367	San Geregorage, uccconcaded Geregorage uccede	23381
7063	מוסטוסס ס מסממסמסוו	707	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCGUACA	23382
7066	Charles o cooperation	707	GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGUCA	23383
0807		4263	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23384
2007	3 6	4264	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGGAGU	23385
7080	CUGCUAAA G CAUUUGAU	4265	GGA GCCGUUAGGC UCCCUUCAAGGA	23386
7136	UNGAUCAC G UCAGAUDA	4266	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUCAA	23387
7135	CAAUAAAC G UUCAGGCA	4267	₽ E	23388
73,45	ACGUUCAG G CAAGUGCA	4268	GGA GCCGUTAAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGAACGU	23389
72.67		4269	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCCUGA	23390
7147	5 0	4270	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUGCCU	23391
7162	UCACACUC O CGCGAGGC	4271	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUGUGA	23392
7164	ACACUCGC G CGAGGCUU	4272	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGAGUGU	23393
/169	CGCGCGAG G CUUCCCCU	4273	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CUCGCGCG	23394
7180	UCCCCUUC G UCGAUGUU	4274	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAGGGGA	23395
/186	B	4275	AUCGACGA	23396
7192	g ug	4276	UCCGGG UCCAACAU	23397
7194	GUUGGAGU G UCGGCUCU	4277	UCCGGG ACTICCAAC	23398
7198	GAGUGUCG G CUCUCCUG	4278	UCCGGG CGACACUC	23399
7206	GCUCUCCU G CUAGCAGC	4279	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAGAGC	23400
7210	UCCUGCUA G CAGCCGGA	4280	t	23401
7213	UGCUAGCA G CCGGAUGC	4281	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUAGCA	23402
7220	•	4282	UCCGGG AUCCGGCU	23403
7231	g uch	4283	Uccasa manacaca	23404
7243		4284	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGAGGG	23405
7249	e Car	4285	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUAACGG	23406
2027	GGODACA G CGGCAACA	4286	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUACCG	23407
7224		4287	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUGUUA	23408
72002		4288	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAAAGG	23409
7207	SCACAO G CCOACAOG	4289	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGUGGC	23410
729B	Germicon o miconsan	4290	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGUAGG	23411
7303	STATES OF STATES	4291	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGAACC	23412
7305	CCCGGOOG G CARGCOGA	4292	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACCGGG	23413
7373	STOCKE G CUCAGGCA	4293	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCCAAC	23414
7217	CACCOLANT C CONTROLOGIC	4294	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAGCUU	23415
7310	3	4295	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGCCUC	23416
7324	TOCOMICS G CUCAGCCC	4296	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAUUGCC	23417
136,	מפרפרטרא פ ככראפנעפ	4297	CCGCUGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGCGCA	23418

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UCAGCCCA G CGGCGGAC	4298	1100000
BACAGC	4299	GGA GCCGITTAGGC ITCCCTTTAAAGAA CCCCGTTTAAGG TTGGGGC GGGCCUGA
G CGGCCGGA	4300	GGA GCCGIIIIAGC IICCUIICAAGGA CCCGODAGGC UCCGGG CGCUGGGC
SGAAUC	4301	GGA GCCGUUAGGC UCCCIIICAAGGA GCCGIIIAAGG TICAGGG GGCGCC
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AGAACGCU G UAGUGGAU	4303	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIIAGGC IICCGGG
ACGCUGUA G UGGAUGGC	4304	UCCCUUCAAGGA GCCGUUAGGC UCCGGG IIACAGCGIT
UCGUGG	4305	GGA GCCGUJAGGC UCCCUUCAAGGA GCCGUJAGGC UCCGGG CAUCCACU
CCACG	4306	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGCCAU
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CACAC	4310	GGA GOOGHINGCO UCCCUUCAAGGA GCCGTUAGGC UCCGGG UCUAAUUC
G CAGAAGAA	4311	GGA GCCGIIINGGC INCROMINANCE GCCGUDAGGC UCCGGG GCUCUAAU
G UUGGACAG	4312	GGA GCCGUUAGGC
g cugaucuu	4313	GCCGUUAGGC UCCCIIICAAGGA GCCGIIIAAGC IICCGCG MIGNIFAIC
CUCUA	4314	UCCCUCAAGGA GCCGIIIAGGC IICCGGG CAAGAITCA
CUAGC	4315	GCCGUUAGGC UCCGGG ACCAAGAIT
G CUGCAGUA	4316	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGAGACA
UAGUA	4317	GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG AGCUAGAG
G UAGUAGUG	4318	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAGCUA
G UAGUGAAC	4319	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACUGCAG
GUGAA	4320	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACUACUG
G UGAAGACA	4322	Gen Coccininged traceings of accountaged ucceding
GAGAA	4323	GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACGGGU
G CCGGAAUU	4324	GGA GCCGUUAGGC UCCCIIICAAGGA ACCGIIIAAGGC IICCGCA
CAGCG	4325	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGAUCA
CAGCGGGG	4326	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCGUGA
2	4327	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
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CGGA	4334	GGA GOOGHINGOO HOOMINGS GOOGHINGS HOOSE
CGGACUCU G CCACAUCA	4335	GGA GCCGHIAGAC INCOMICANGON COCCHIANGON TOCCHIANGE TOCCHIANGON
99999	4336	GGA GCCGUUAGGC UCCCIIICAAAGA GCCGUUAGGC IICAGGG
GGUU	4337	UCCCUICAAGGA GCCGIIIIAGGC IICCGGG GCAIGAIGA

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7613	g uuc	4338	ACAACCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCACGC	23459
7617		4339	CAUGACAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACCCCC	23460
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7625	GUIGUCAU G UCUAUCCA	4341	UCCGGG AUGACAAC	23462
7682		4342	GCCGUUAGGC UCCGGG CUCUUUUU	23463
7687	อ	4343	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCACCUC	23464
7697	9 0	4344	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCCUUTU	23465
7711		4345	UNUCCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUCCCA	23466
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7758	UUCACUAG G UACCGCAA	4347	UUGCGGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAGUGAA	23468
7763	UAGGUACC G CAAAGAGG	4348	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUACCUA	23469
7771		4349	GCCGUUAGGC UCCGGG CUCUUUGC	23470
7783		4350	GCGAUCGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGAUGA	23471
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7795		4352	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGCGAU	23473
7798	GCUCAGCG G CAAAACAC	4353	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUGAGC	23474
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7843	- 1	4358	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGAUGCC	23479
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/93/	ا∫ت	4368	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCUCUU	23489
7941		4369	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACCGCC	23490
7943		4370	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAACCG	23491
7954	ACUAUAUG G CAACCCAA	4371	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUAUAGU	23492
7969	O CCC	4372	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUUU	23493
8/6/	0	4373	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUUGGA	23494
7986	g UAC	4374	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCUGAC	23495
7997	0 CGG	4375	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CCUUUGUG	23496
8000	O CCC	4376	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCCUUU	23497
9708	CAUGAAGA G CCCCAACU	4377	AGUUGGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCAUG	23498

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000	CCCAACOA G OGCAAAGO	4378		23499
2000		4379	GGA GCCGUUAGGC	23500
8033		4380	AUCCAUAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGCACU	23501
8020	GGAACAUU G UCACCAUG	4381	GGA GCCGUUAGGC UCCCUUCAAGGA	23502
8063	CAUGAAGA G UGGAGUGG	4382		23503
8068		4383	CACAUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCACUCU	23504
8074	. 1	4384	GCCGUUAGGC UCCGGG	23505
8076	o ago	4385	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23506
8094	CCUUCUGA G UGUUGUGA	4386		23507
8096	UNCUGAGO G UNGUGACA	4387	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23508
8099	UGAGUGUU G UGACACCC	4388		23509
8114		4389	CGAUGUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC IICCGGA AAAGGAGG	01556
8127	AUCGGAGA G UCCUCGUC	4390	GCCGUTTAGGC	2252
8133	GAGUCCUC G UCAAGUGC	4391	UCCCUIICAAGGA GCCGIIIAGGC IICCGG	23311
8138	CUCGUCAA G UGCUGAGG	4392	GGA GCCGUUAGGC UCCCITICAAGGA GCCGITIAGGC IICCCGG	23312
8140	COUCAAGU G CUGAGGUU	4393	GGA GCCGUUAGGC UCCCIIICAAGGA GCCGIIIIAGGC	23313
8146	OUGCUGAG G UUGAAGAG	4394	GGA GCCGUUAGGC UCCCIIIICAAGGA	23314
8154	GUUGAAGA G CAUAGGAC	4395	COSSOLITION TO THE PROPERTY OF	23323
8170	g ucc	4396	GGA GCCGIIJAGGC IICCTIICAAGGA	23516
8182	UUGAAAUG G UUGAGGAC	4397	GGA GOCCHIAGO IICOMICAACAA OOCCHIAACA IICOGGA	73277
8193	GAGGACUG G CUGCACCG	4398	GGA GCCGIIIAGGC IICCCIIICAAGGA GCCGIIIAAGG IICGGG	23518
8196	GACUGGCU G CACCGAGG	4399	GGA GCCGUUAGGC UCCCIIICAAGGA GCCGIIIIAAGC IICCGG	23519
8205	CACCGAGG G CCAAGGGA	4400	COCCUIT DOCUMENTO COCCUITION OF THE POST O	23320
8219	GGAAUUUU G CGUGAAGG	4401	GGA GCCGUUAGGC UCCCUTTCAAGGA GCCGUTAAGG UCCGGG	23521
8221	AAUUUUGC G UGAAGGUG	4402	GOD GOOGHIBOOK TOOCHINGS TOOCHING OF THE SECOND	23522
8227		4403	GGA GCCGIIIIAGGC IICCCIIICAAGGA GCCGGUAGGC UCCGGG	23523
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8268	֓֞֞֜֜֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	4400	GEA GECENDAGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23528
8271) le		dea eccepuadec ucconcaaga eccepuagec uccego	23529
8279	STATION O CONTROL	20,4	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23530
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0000	פאספספעה פי פיייסייסייסייסייסייסייסייסייסייסייסייסיי	4411	GGA GCCGUUAGGC UCCCUUCAAGGA	23532
0000	GGGGACUG G UCAGAAAC	4412	GGA GCCGUUAGGC	23533
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22520	23540	23541	23542	23543	23544	23545	23546	23547	23548	23549	23550	23551	23552	23553	23554	23555	23556	23557	23558	23559	23560	23561	23562	23563	23564	23565	23566	23567	23568	23569	23570	23571	23572	23573	23574	23575	23576	23577	23578
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4418	4419	4420	4421	4422	4423	4424	4425	4426	4427	4428	4429	4430	4431	4432	4433	4434	4435	4436	4437	4438	4439	4440	4441	4442	4443	4444	4445	4446	4447	4448	4449	4450	4451	4452	4453	4454	4455	4456	4457
AGCUUCAG G CAAUGUGG	CAGGCAAU G UGGUACAU	GCAAUGUG	UACAUUCA G U		CCAGCCAG G U	AGCCAGGU	AGGAAGAU	CUUGGGAA G U	GAACCAGG	CCAGGGCG G UGGGAAAA	AAACCCCU G CUCAACUC			ACUCAGGC G UGAGUACA	AGGCGUGA G DACAGUUC	UGAGUACA G UUCGACGU	AGUUCGAC G UGGCACCA		ပ ပ	UCACGGCA G UDAUGAUG	Ď O	дайдидам д сссасада		8 B	cuccecca e uucacuea	GCCAGUUC G CUGGUCAA	GUUCGCUG G UCAAUGGA				UCACGAAU G UUACCACC		CCCOCCEG G CAGCAGCG			S		ין ט	ACACGAAA G CUCCUGAA
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8794	1.1	4459	GCCGUUAGGC UCCGGG	23580
8799		4460	AGCACGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACUCC	23581
8803	UGAAGUAC G UGCUCAAU	4461	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23582
8805		4462		23583
9826	_ 1	4463	GCCCACAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUUGGU	23584
8829	O	4464	AACGCCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCAGUU	23585
8833	Ü	4465	CAAAAACG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACAACC	23586
8835	O	4466	GCCAAAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCACAA	23587
8842		4467	DUCUCUGO GOD GOOGUNAGED DESANCED GOOGUNGOOD AGE CONTRACE	23588
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8865		4469	CGAGAGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUGGG	23590
8867	CAGAAUGU G CUCUCGAG	4470	cucarara sar accennasac uccancarada accennagac uccesa acanucua	23591
8893	O	4471	GOUGUNGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCUUA	23592
8900	o	4472	CUGCAUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGACC	23593
8902	Ø	4473	CAAAGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGCUGU	23594
8908		4474	ACCCAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAUUGC	23595
8915		4475	ACAUGGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAAGCU	23596
8917		4476	AAACAUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCAAAG	23597
8922		4477	UCUUCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGCACC	23598
8931	g D	4478	UGAUUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCAAA	23599
8948		4479	CUCUGGCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCCAU	23600
8950	. 1	4480	UUCUCUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUCCUCC	23601
8959	1	4481	GGA GCCGUUAGGC UCCCUUCAAGGA	23602
8962		4482	AUCTUCAA GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG UGCUTCUC	23603
8989	. 1	4483	CUCAUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCUCCC	23604
9000	Ö	4484	GCCUCGCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCAUC	23605
9002		4485	GGA GCCGUUAGGC	23606
9007		4486	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23607
9015	- 1	4487	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23608
9026		4488	GGA GCCGUUAGGC	23609
9035	. 1	4489	UGUAAAUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGUGUGA	23610
9078	- 1	4490	UUUCCGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCGGG	23611
9088	- 1	4491	UCCCUUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCCGA	. 23612
9098		4492	GGA GCCGUUAGGC	23613
9103		4493	GGA GCCGUUAGGC	23614
9111	- 1	4494	CACAUGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAUGGC	23615
9117	0	4495	CCGAGCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAACCA	23616
9120	8 8	4496	GCUCCGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAUGAA	23617
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	1	4498	CCAGAAAG GGA GCCGUUAGGC UCCCUITCAAGGA GCCGITTAGGG TAGGGG	
	ASSOCIONO TO TO T	4499		23619
276	AGUUCGAG G	4500	SCCGUDAGGC UCCGGG	23620
9155	ල්ලග්රග්ල්ල ල	4501	GGA GCCGITTAGC TICCCTTTATAGGA GCCGUUAGGC UCCGGG	23621
9177	GACCACUG G	4502	GRA GCCGIIIIACCO TICCCIOUCAAGGA GCCGUUAGGC UCCGGG	23622
9203	AGGAGGAG G	4503	GGA CCCCTTTAGG TECCTOLCAGGA GCCGUUAGGC	23623
9205	GAGGAGGU G	4504	GON GCCGUTTAGGG UCCCUUCAAGGA GCCGUUAGGC	23624
9212	\sqcup	4505	GGA GCCGTTTAGGG UCCCUTCAAGGA GCCGTTTAGGC	23625
9218	ලලයගයල ල	4506	GGA GCCGUTTE GGG UCCCUUCAAGGA GCCGUUAGGC	23626
9233	AAAACUGG	4507	GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUUAGGC	23627
9243		4508	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23628
9245	CAUCCUGC	4509	GGA CCCCUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAUGUA	23629
9250	UGCGUGAA	4510	CON COCCUMAGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAGGAUG	23630
9254	UGAAGUUG G C	4511	GGA GCCGUUAGGC UCCCUUCAAGGA	23631
9261		4512	GON SCHOOL UCCCUTCAAGGA GCCGUUAGGC UCCGGG CAACUUCA	23632
9269	GCCUGGGG	4513	GGA GCCGIIII CGG TOCCOUCAAGGA GCCGUUAGGC UCCGGG CGGGUGCC	23633
9280	AGAUCUAU	4514	den ecceptantes veccuucaaga ecceptunage vecage eccenage	23634
9292	AUGACACA	4515	GON GEOGRAPHIC ULCCOUCAAGGA GCCGUUAGGC UCCGGG AUAGAUCU	23635
9296	CACAGCUG G CUGGGACA	4516	Ser eccentrate uccontrates eccentrates uccess usually	23636
9308	GGACACCC G CAUCACGA	4517	Sea eccepuated ucconcaagaa eccepuagec uccege caecueng	23637
9319		4518	GGN COCCUMANGEN GCCGUUAGGC UCCGGG GGGUGUCC	23638
9337		4519	Sen secrepungest uccontradea eccentradec uccede ucucenta	23639
9343		4520	GEN GECGUUAGGE UCCCUUCAAGGA GCCGUUAGGE UCCGGG UUCAUUUU	23640
9345		4521	GEN GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUAGCUU	23641
9351	guactuan a cuactuan	4522	GGN GCCGUUCAAGGA GCCGUUAGGC UCCGGG ACCUUAGC	23642
9354	CUUGAGCU G CUUGAUGG	4523	SON GELEVINAGES UCCCUTCAAGGA GCCGUUAGGC UCCGGG UCAAGCAC	23643
9372	GAACAUCG G CGUCUUGC	4524	GGN CCCCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUCAAG	23644
9374	ACAUCGGC G UCUUGCCA	4525	GGA CCCCITTAGGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAUGUUC	23645
9379	, ,	4526	GEA CCCCITIAGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGAUGU	23646
9385	Ø	4527	GGA GCCGUINGCO TIGGGETTE	23647
9396	AUCAUUGA G CUCACCUA	4528	GGA GCCGIIIAGGC ICCCTTGCTTGCT	23648
9407		4529	GGA GCCGIIINGGG TECCHOLANGGA GCCGUUNGGC UCCGGG UCAAUGAU	23649
9415		4530	GGA GCCGUTAGC VCCCUUCAAGGA GCCGUUAGGC VCCGGG QAUAGGUG	23650
9418	ACAAAGUU G UGAAAGUG	4531	GRA GCCGIIIIAGO TOGATICA	23651
9424	G UGZ	4532	das ecceptables uccontrades gecennages uccees aacunger	23652
9429	AAAGUGAU G CGCCCGGC	4533	GGA COCCUMAGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCACAA	23653
9431	AGUGAUGC G CCCGGCUG	4534	GGA GCCGIIIAGA HOCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACUUU	23654
9436	Ø	4535	GGA GCCGUINGOC VCCCOUCAAGGA GCCGUUAGGC UCCGGG GCAUCACU	23655
9439		4536	GGA GOOTHINGO HOCKUNCAAGGA GCCGUUAGGC UCCGGG CGGCGCA	23656
9454	GAAGAACC G UCAUGGAU	4537	GGA GCCGITTAGGC TICCHTTOLLS	23657
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9463	. 1	4538	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG AUCCAUGA	23659
74.9T	o de	4539	†	23560
9499	GUGGACAA G UUGUCACC	4540	UCCCUICAAGGA GCCGIIIAGGC IICCGGG IIICIICAAG	23000
9502	GACAAGUU G UCACCUAC	4541	GGA GCCGUIAGGC IICCCTTICAAGGA GCCGTTACCC TICCCCA AACTIC	23661
9511	UCACCUAC G CCCUAAAC	4542	GCCGITIAGG TICCTITIONAGGA CCCGGGTTAGG TICGGG AACOUGUC	23662
9535	CCAACCUG G CCGUCCAG	4543	Ada Accountage vectooleased sectoolassed uccess solds	23663
9538	g UC	4544	dan accommon ucamman an accountain	23664
9543	GCCGUCCA G CUGGUGAG	4545	CON COCHEMICS UCCCOUNTABLE GCCGUDAGGC UCCGGG GGCCAGGU	23665
9547	UCCAGCUG G HOAGGAILG	4546	GEA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGACGGC	23666
9571	GGGAAGGA G HRANTIGGC	4547	Sea gecennagge neceducaagga gecommagge neeggg cagengga	23667
9578	AGIIGATIIG G CCCAGAIIG	7 27	dea eccentrage occoncargea eccentrage occase occurece	23668
9589		0 10	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCACU	23669
0630		4543	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUCUG	23670
9633	•	9550	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGGGUC	23671
2636	ASSACTOR C COGOLOGA	4551	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGUCCU	23672
9660	Accuseco e uougagaa	4552	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AGCCAGGU	23673
	אמשרטרא פ רניפנאטפפ	4553	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGUCUU	23674
2005	ACUCAGCC G CAUGGCUG	4554	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGAGU	23675
3670	(4555	GCCGIIITAGGC IICCGCG CAITCCGGC	23675
9673		4556	GCCGTTAGGC TICCGG NGCCATGG	0/00
2677	GGCUGUCA G UGGAGAUG	4557	TOCHIODAGOA COCCUIATA COCCUIATA CACCUIATA CACC	236//
9689		4558	GGA GCCGIIIIAGGC IICCCIIICAAGGA CCCGTIIIACCC IICGGG UGACAGCC	8/967
9691	AUGACUGU G UGGUAAAG	4559	GGA GCCGIIIAGGC IICCCIIICAAGGA CCCGGGAAGGC IICGGG AGUCAUCU	23679
9694	ACUGUGUG G DAAAGCCC	4560	CONTINUOS INSCRIPTIONS SCIENCES ACAGUCAG	23680
6696	GUGGUAAA G CCCCUGGA	4561	GGA COCCUMINGO WASCINGTON OF SCHOOL	23681
9713	GCUT	4562	den ecceptadese veccuotaaga geregulagge veeggg vulaceae	23682
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9726	ď	4564	GEA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AAAGCGAU	23684
9742	ה קוני	ARGE	GECEGUDAGGE UCCCUUCAAGGA GCCGUDAGGE UCCGGG GAGGUGGE	23685
9747	AAUGCTAIT G 11CBBBCC11	2007	esa eccennasse uccenterassa secsitarsse ucessa autorasa	23686
9754	UGUCAAAG G IIICGCAAA	4200	eda eccebuadec ucconucaagda eccebuagec uccege anaecaun	23687
9758	AAAGGUUC G CAAAGACA	4568	GEA GECGUUAGGE UCCCUUCAAGGA GECGUUAGGE UCCGGG CUUUGACA	23688
9774	c	4560	GEA GCCGUOAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAACCUUU	23689
9783		4570	esa seccionasse uccontraassa secsionasse ucossa uconssau	23690
9795	G UAU	4571	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUUUCCA	23691
9804	HALIGATHE C. CACACOCT	100	SEA SECTIONARIE UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCAGU	23692
9807	GAUTICOCK C CACCAGGO	7/27	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCAUA	23693
9811		\$2/3	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCAAUC	23694
0001	ממכו	45/4	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUGCC	23695
7700		4575	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAUGGA	23696
2000	G UGGL	4576	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUGUUC	23697
30/1	CACUSEUG G UUCCAUGC	4577	UCCGGG CACCAGUG	23698

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9878	GGUUCCAU G CCGAGGAC	4578	
9898	AUGAAIIIIG G HAGGCACA	4570	SON SCHOOLS OCCUPATION GUIDINGS UCCOUNTS OCCUPATION OCC
9902	AUTIGGIDA G CACACA	2000	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
9907	UAGGCAGA G CHOGCAITA	1000	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
9911	Cagagorio a carrattan	1001	GGA GCCGDUAGGC UCCCUDCAAGGA GCCGUUAGGC
9925	CHICCAGG G COOMING	7903	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
9937		£80.4	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
9941		*000	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG
9949	GCGACACT O CHICHOLOG	4085	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
9953	Charletti o inches	4280	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
9968	Children o Grander	1928	GGA GCCGUUAGGC
9963	Character & constant	4288	GGA GCCGUUAGGC
9970		4589	GGA GCCGUUAGGC
9978	ACCORDANT O MOCHAGANG	4590	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAAGACU
9981	Consoling of Children	1,60%	GGA GCCGUUAGGC
9984	Aliginacor o criticina	4592	GGA GCCGUUAGGC UCCCUUCAAGGA
0000	AUSUNOUS DISCOURT	4593	GGA GCCGUUAGGC
1001	ACTOR OF UNCOCKA	4594	GGA GCCGUUAGGC
1001	ASACACCO G CGGCUCAU	4595	GGA GCCGUUAGGC
TOOL		4596	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAAGUC
10021	GGCUCAUG G CCAACGCC	4597	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUITAGGC IICCAGA CAITGAACA
10027	UGGCCAAC G CCAUUUGC	4598	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUIAAGGC UCCGGG AITIGGCCA
10034		4599	GCCGIIIAGGC IICCGGG AAAIIGGCG
10039		4600	GGA GCCGUUAGGC UCCCIIIICAAGGA GCCGIIIIAGGC IICCGG GGAGGA
10042	ı	4601	GGA GCCGIIIAGGC IICCCIIICAAGA GCCCIIIAGGC IICCCG GGAGCAAA
10048	CUGUCCCU G. UGAAUUGG	4602	GGA GCCGIIIIAGGC IICCCIIICAAAGAA CCCGGGAAGC
10057	UGAAUUGG G UCCCUACC	4603	GGA GOOGHIAGGO HOCCHIANAGA GOOGHIAGGO HOCCGGG AGGGACAG
10077	AGAACCAC G UGGUCCAU	4604	GOA GOOGHIAGE UCCCUCLARGER GEGGOORGGE UCCGGG CCAAUUCA
10080	ACCACGUG G UCCAUCCA	4605	GON COCHIMING THE WALL WITH THE GLICAUNAGGC UCCGGG GUGGUUCU
10090	CCAUCCAU G CAGGAGGA	4506	den ecceptadese uccentrades ecceptadese uccese encentral
10101		4607	GGA CCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AUGGAUGG
10122	,	4608	SON COCCURRED UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCCUCC
10129		4600	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUCCUC
10139		200	GEA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG
10141	GGAACCGU G UUUGGAIIA	4611	UCCCUUCAAGGA GCCGUUAGGC UCCGGG
10183	AAACCCCA G HEGAGAAA	257	sea secentaise ucconcaagga geograpage ucceeg
10196	GAAAUGGA G HGACGHCC	2012	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
10201		202	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
10233	ם ומנוטו	*070	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
10235	CAIIMIGGI G UGGONOGO	270	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
10238		2707	GGA GCCGUUAGGC UCCCUUCAAGGA
		170%	UCAGGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACACCAG

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10241	GUGUGGCA G	4618	CAAUCAGG GGA GCCGUUAGGC UCCCIIICAAAGA GCCGIIIIAGCC 1100000 1100000000000000000000000000	
10250		4619	TOCCTITORAGGA	23/39
10258	GCACAAGA G CCCGAGCC	4620	GGA GCCGIIIIAGGC IICCCIIICAAAGGA GCCCIIIIAAGG IICGGGG	23740
10264	GAGCCCGA G	4621	GON COCCUMPON HOOFINGS SECRETURES OCCURSES	23741
10269	CGAGCCAC G	4622	GGA GCCGIMBOCA MOCHUCAAGGA GCCGUUAGGC UCCGGG	23742
10273	CCACGUGG G	4623	GON COCCUMACO MOCUNICANGO GCCGUUAGGC UCCGGG	23743
10288	ACAUCCAG G 1	4624	day occumented uccontraded gardonagga ucaga	23744
10291	UCCAGGUG G	4625	CON COCHIENCES UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23745
10303	UCAACCAA G	4626	Sea GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	23746
10309	O	4627	GON GEORGIA DECENDANCE GEOGRAPHICA DECENDANCE DECENDANCE	23747
10329	-	4620	Sea Sectionalist UCCCOUCAAGGA GCCGOUAGGC UCCGGG	23748
10333	AGAAGUAU	4629	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23749
10346	UUACAUGA	4630	Sea seceduagge uccentradga geograpage	23750
10378	CAACUUUG	4637	GAN GECEUNAGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23751
10390	AGGACACA G	4632	GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23752
10395	ACAGUACU G 1	4633	eda eccennage occontrada eccennage	23753
10413	AAUCAAITU	4633	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23754
10430		2632	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23755
10434		4635	GGA GCCGUUAGGC	23756
10442		4036	gg B	23757
70444	Allahandir o magnining	4637	GGA GCCGUUAGGC UCCCUUCAAGGA	23758
		4638	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23750
1044	. 1	4639	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23760
10455	. 1	4640	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23761
RSTOT	. 1	4641	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA	23762
10465	ם ט	4642	GCCCTITIAGGE TOCCCC	20162
10468		4643	UCCCITICAAGGA GCCGIIITAGGC 11CCGGG	23763
10470	UVAGUGGU G UVAGUGUA	4644	GGA GCCGUIAGGC IICCCIIICAAGGA GCCGUIAGGC TICCGG	23764
10474	UGGUGUUA G UGUAAAUA	4645	GGA GCCGUUAGGC UCCCIIICAAGGA GCCGIIIAGGC	23/65
10476	GUGUUAGU G UAAAUAGU	4646	GCCGIIIAGGC TICCCIIICAACCA CCCCCATIA CCC TICCCCC	23766
10483	UGUAAAUA G UUAAGAAA	4647	GGA GCCGUIJAGGC ITCCTITICAAGGA GCCGUIJAGGA TICCGGG	23767
10506	AGGAGAAA G UCAGGCCG	4648	GCCCIIIIA GCC IICCCIIICAN GCCGCOCIIIIA GCC IICCCGCG	23768
10211	AAAGUCAG G CCGGGAAG	4649	GGB GOOGHIBOO HOGGIIGH GOOGGE GCCGOORGGC OCCGGG	23769
10519	GCCGGGAA G UUCCCGCC	4650	dan ecceptable uccconcaga geographica	23770
10525	AAGUUCCC G CCACCGGA	4651	CON COCCUMAGE UCCCUUCAGGA GCCGUUAGGC UCCGGG	23771
10535		4652	SON GELEGUAGGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23772
10540	1	4653	GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUUAGGC	23773
10547		7999	SEA GECEUNAGES UCCCONCAAGGA GECGUNAGGC	23774
10549		2002	dda gccgudaggc ucccuucaagga	23775
10552		2002	GGA GCCGUUAGGC	23776
10556		4657	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23777
		1002	UNGAGUCIG GGA GCCGUDAGGC UCCCUTCAAGGA GCCGUDAGGC UCCGGG AGGCAGCA	23778

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08501	AGGACUGG	4658		23779
10003	UGAACAAA	4659	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23780
10592	ACAAAGCC	4660	UCCGGG	27.67
10597	GCCGCGAA	4661	ווייייייייייייייייייייייייייייייייייייי	20702
10606	_	4662	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIIAAGC IICCGGA	20/07
10610	CCAUGUAA	4663	GCCGUUAGGC UCCCUICAAGGA GCCGIIIIAAGC IICCGGA	43/83
10622	UCAGAACC	4664	UCCCITICAAGGA GCCGITIAGGC IICCCGG	23 /84
10645		4665	GCCGTTAGGC TICCTTCAACAA GCCGTTAGGC TICCGC ATTAGGC	28/57
10648	CACAUGUU	4666	GGA GCCGIIIAGGO IICCCIIICAACOA CCCGGIIIAGGO IICCGGG AUGUGGGG	23786
10659	ACCUCAAA	4667	des generation trecentations accommisses accounted accommisses	23787
10666	AGCCCAAU	4668	CON COCCESSORIES COCCOCCARGES GCCGUUAGGC UCCGGG UUUGAAGGU	23788
10676	CAGACCAC	4669	GGA CCCGITTAGG WOOTHERSTON	23789
10682	ACGCUACG G CC	4670	GON COCCUMENCE UCCCUUCAAGA GCCGUUAGGC UCCGGG GUGGUCUG	23790
10684		4671	GAA GECEUUAGGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUAGCGU	23791
10686	UACGGCGU	4672	eda eccepuadec ucconcaaga geogniagge uccege eccepage	23792
10694	מים מיויזויזמויזם	7/02	GEA GEEGUUAGGE UCCCUUCAAGGA GEOGUUAGGE UCCGGG ACGCCGUA	23793
10701		40/3	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAGUAGC	23794
10703	מספיים היים מיים מיים מיים מיים מיים מיים מ	40/4	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCCGCA	23795
10705	Cooperated a CAGUCUGC	4675	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUCCG	23796
00/01	کا ق	4676	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCACUCU	23797
10710	8	4677	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACTIGCA	2379R
10716	CUGCGAUA G UGCCCCAG	4678	ווערינים וואוויסים	23700
10718	GCGAUAGU G CCCCAGGA	4679	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACTIAITAC	23800
10734	AGGACUGG G UUAACAAA	4680	GCCGUIAGGC HCCGCG CCACHICCT	23000
10744	UAACAAAG G CAAACCAA	4681	GGA GCCGUUAGGC UCCCIIICAAGGA GCCGIIIAAGGC IICAGGA CIIIIGIIII	73807
10754	AAACCAAC G CCCCACGC	4682	TICCUITONOCON COCCUITINGOO TICCOO CHILD	23802
19201	CGCCCCAC G CGGCCCUA	4683	GGA GOOTHINGED HOOMINGAROW GOOGHINGED WORKED BOOKERS	23803
10764	CCCACGCG G CCCUAGCC	4684	GGB GCCGTTBGGC 11CCGTTGBBGGB GCCGUUAGGC UCCGGG GUGGGGCG	23804
10770	CGGCCCUA G CCCCGGUA	4685	GGB COCCUMPORT INCREMENTAL SECRETARION OF COCCUTING COCU	23805
10776	UAGCCCCG G HAAIIGGIIG	4686	SON SECRETARIAN TO THE THE SECRETARIAN SECRETARIAN DECEGG UNGGGCCG	23806
10782	CGGUAAUG G UGITIAACC	4687	eda eccepuades ucccoucaassa sccenuasse uccese cesescua	23807
10784	GUAAUGGU G IIIIAACCAG	46.00	Sea GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG CAUUACCG	23808
10794		4680	GEA GELEGULAGGE UCCCUUCAAGGA GECGUUAGGE UCCGGG ACCAUUAC	23809
10809	GACTIAGAG G ITTAGAGGA	2005	GGA GLUGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGGUUA	23810
10824	GAGACCCC G CCCITITAL	4601	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUAGUC	23811
10827	ACCOUNT O SOCIOLO	1605	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG GGGGUCUC	23812
10834	CONTRIBUTE O COORDINGO	769%	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCGGGGU	23813
10836	יייייייייייייייייייייייייייייייייייייי	4693	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUAAACC	23814
1,001		4694	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUUAAA	23815
15001) (c	4695	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGCACU	23816
1000	ည် စ	4696	GGA GCCGUUAGGC UCCCTUCAAGGA GCCGTUTAGGC UCCGGG UGGGCCGU	23817
1007	UGACUGAA G CUGUAGGU	4697	ACCUACAG GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUCAGUCA	23818
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182	CHICANOLOGY O CHICANAGE	2463	GGA GCCGUUAGGC	23859
186	AUUGGACU G AAGAGGGC	2404	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23860
189		2402	SCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO	23861
191		5487	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23862
192		2480	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23863
201	1	2400	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23864
207	1.	2007	GGA GCCGUUAGGC UCCCUUCAAGGA	23865
211	0	5491	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23866
214	O	5465	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23867
219	0	2622	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23868
220	O	5494	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23869
221		5495	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23870
230		5496	GEA GECENOAGE UCCENTIONAGEA GEOGRAPAGEO UCCGGO	23871
240	,	5497	GGA GCCGIIIIAGG UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23872
249	GCUCUCUU G GCGUUCUU	5498	GGA CCGUIANGGA UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23873
260		5499	GGA GCCCIIIIAGCC UCCCUCCAAGGA GCCGUDAGGC UCCGGG	23874
279	AUUGCUCC G ACCCGAGC	5500	GON COCHINAGO TECCUUCAAGGA GCCGUUAGGC UCCGGG	23875
284		5501	den eccentració ucccuucadeda eccentració uccede	23876
294	D D	5502	GENERAL COCCUUCAAGGA GCCGUUAGGC UCCGGG	23877
295	CAGUGCUG G AUCGAUGG	5503	Sea Georgian Occontagga Geographic ucceed	23878
299	G AU	5504	esa eccennacic uccconcaaga cccomagg uccegg	23879
302		2004	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23880
303		2203	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23881
305		2300	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23882
307	1	220	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23883
312	8 8	2000	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23884
327	CAAACAGC G AIIGAAACA	5510	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23885
330	ACAGCGAU G AAACACCII	2211	GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23886
342	GAG	5512	GEA GECEUUAGGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23887
351	G AA	5513	CON COCCUMAGE UCCCOUCAAGGA GCCGUUAGGC UCCGGG	23888
354	UUUAAGAA G GAACUAGG	5514	CGN OCCUMAGE VECCUOURAGEA GEOGRANGGE VECGGG	23889
355	UVAAGAAG G AACUAGGG	5515	Sea Secreturação UCCCUUCAAGGA GCCGUUAGGO UCCGGO	23890
361	AGGAACUA G GGACCUUG	5516	GOR COCCUMAGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23891
362	GGAACUAG G GACCUUGA	5517	Gen GOOGHINGS WASSELD GECCOUNAGE BECCOUNAGE DECGG	23892
363	GAACUAGG G ACCUUGAC	5518	Gan GCCCIIIII CON TICOTICO CONTROL GCCGUUAGGC UCCGGG	23893
369	GGGACCUU G ACCAGUGC	5519	Gas Greenman Con Hooming	23894
386	UAUCAAUC G GCGGAGCU	5520	CON COCCUMBER WILLIAM COCCUMBER WOODE	23895
389	G GA	5521	GGA COCCITITACIO UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23896
390	AAUCGGCG G AGCUCAAA	5522	Sea Secondade Uceconcada accondade ucega	23897
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405	AAACAAAA G AAAAGAGG	5523	CCUCUUUU GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUUUGUUU	23899
410	AAAGAAAA G AGGAGGAA	5524	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUCUUU	23900
412	AGAAAAGA G GAGGAAAG	5525	uccese ucumucu	23901
413	GAAAAGAG G AGGAAAGA	5526	UCUTUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUUUC	23902
415	AAAGAGGA G GAAAGACC	5527	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCUUU	23903
416	AAGAGGAG G AAAGACCG	5528	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUCUU	23904
420	G AC	5529	dea ecceuvagec ucceuveaaga ecceuvagec uccege uniceuce	23905
424		5530	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUCUUUC	23906
425	AAAGACCG G AAUUGCAG	5531	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGUCUUU	23907
438	GCAGUCAU G AUUGGCCU	5532	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGACUGC	23908
442	UCAUGAUU G GCCUGAUC	5533	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAUGA	23909
447	AUUGGCCU G AUCGCCAG	5534	CUGGCGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCCAAU	23910
460	CCAGCGUA G GAGCAGUU	5535	AACUGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACGCUGG	23911
461	G AG	5536	UNACUGCU GGA GCCGUUNGGC UCCCUUCANGGA GCCGUUNGGC UCCGGG CUACGCUG	23912
487	ACUUCCAA G GGAAGGUG	5537	CACCUUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGAAGU	23913
488	CUUCCAAG G GAAGGUGA	5538	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGGAAG	23914
489	UUCCAAGG G AAGGUGAU	5539	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUGGAA	23915
492	CAAGGGAA G GUGAUGAU	5540	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCUUG	23916
495	GGGAAGGU G AUGAUGAC	5541	accounage ucconcaagga accounage uccago accuncc	23917
498	G AUC	5542	ACCEUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACCUU	23918
201		5543	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUCAC	23919
504	AUGAUGAC G GUAAAUGC	5544	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCAUCAU	23920
517	AUGCUACU G ACGUCACA	5545	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUAGCAU	23921
526	ACGUCACA G AUGUCAUC	5546	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGUGACGU	23922
537		5547	UCCGGG GUGAUGAC	23923
553		5548	GCCGUUAGGC UCCGGG AGCAGCUG	23924
554	D AN	5549	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAGCAGCU	23925
558	O PA	5550	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUUCCAGC	23926
575	CAUGGUCA G AGCAAUGG	5551	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACAAUG	23927
582		5552	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGCUCU	23928
583		5553	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUGCUC	23929
288	- 1	5554	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCCAU	23930
289		5555	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAUCCA	23931
230	GGAUGUGG G AUACAUGU	5556	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACAUCC	23932
9	ACAUGUGC G AUGAUACU	5557	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCACAUGU	23933
604	G AUP	5558	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGCACA	23934
619	G AAU	5559	UGGGCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAAGUGA	23935
636	5	5560	UNACCAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG GACAGCAC	23936
640	- 4	5561	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGACA	23937
646	CUGGUAAU G AUCCAGAA	5562	UNCUGGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUACCAG	23938

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652	AUGAUCCA G AAGACAUC	5563	GAUGUCUU GGA GCCGUUAGGC UCCCITICAAGGA GCCGITIAGGC IICCAGG IICCAGG	22030
655	AUCCAGAA G ACAUCGAC	5564	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIITAGGC	23933
199	AAGACAUC G ACUGUUGG	5565	UCCCUUCAAGGA GCCGUUAGGC	23941
899	CGACUGUU G GUGCACAA	5566	GCCGUUAGGC	23942
695		5567	GCCGUUAGGC UCCGGG	23943
700		5568	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23944
707	G AA	5569	. 1	23945
704	•	5570	GGA GCCGUUAGGC	23946
714	UGCACCAA G ACACGCCA	5571	GGA GCCGUUAGGC	23947
728	CCACUCAA G ACGCAGUC	5572	GG.	23948
737	ACGCAGUC G GAGGUCAC	5573	GGA GCCGUUAGGC	23949
2	CGCAGUCG G AGGUCACU	5574	GGA GCCGUUAGGC	23950
740	CAGUCGGA G GUCACUGA	5575	GGA GCCGUUAGGC	23951
787	G AC	5576	GGA GCCGUUAGGC UCCCUUCAAGGA	23952
7,26	ACAGUGCA G ACACACGG	5577	. 1	23953
763	AGACACAC G GAGAAAGC	5578	gg	23954
40/	GACACG G AGAAAGCA	5579	GGA GCCGUUAGGC	23955
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	G AAC	5581	- 1	23957
98		5582	GGA	23958
289	AACAAGAA G GGGGCUUG	5583	GGA GCCGUUAGGC	23959
06/		5584	GGA GCCGUUAGGC UCCCUUCAAGGA	23960
191	CAAGAAGG G GGCUUGGA	5585	GGA GCCGUUAGGC	23961
792	AAGAAGGG G GCUUGGAU	5586	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23962
797	GGGGGCUU G GAUGGACA	5587	UGUCCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCCCCC	23963
798	GGGGCUUG G AUGGACAG	5588	GGA GCCGUUAGGC	23964
	GCUUGGAU G GACAGCAC	5589	GGA GCCGUUAGGC	23965
208	CUUGGAUG G ACAGCACC	5590	GGA GCCGUUAGGC	23966
27.00	AGCACCAA G GCCACAAG	5591	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23967
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070	של פרוש פרוש	5593	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23969
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903	AUGCUIGG G AGCAACAC	2000	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCAUC	23984
918	ACCALIGCA G AGAGINGII	2000	GEA GECENDAGGE UCCCUUCAAGGA GCCGUUAGGE UCCGGG CCAAGCAU	23985
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948		1100	dea geceuuagge ucceuucaagga gecguuagge uccggg ucugeaug	23987
951		2017	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAGCAA	23988
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766	G AGA	5617	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGCUC	23993
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1000	ACOUCOUG G AAGGAGUG	5620	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGAAGU	23996
1000	G GAG	5621	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAAGA	23997
1007	_ I.	5622	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCAAG	23998
1015	g GAG	5623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACACUC	23999
1016	AGUGUCUG G AGCAACAU	5624	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGACACU	24000
1026	AGCAACAU G GGUGGAUU	5625	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUUGCU	24001
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1020	ACAUGGEU G GAUUUGGU	5627	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCAUGU	24003
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1104	1	5640	GGB GCCGITTINGCO IICCCTTTATA GCCGUUAGGC UCCGGG AUCUUCAC	24015
1110	AUGAAUAU G GAGGCGGU	5641	GGA GCCGITTAGG TICCTUTONAGGA GCCGUUAGGC UCCGGG AUCAUCUU	24016
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G GCAGAGGU	5645	GGA GCCGIIIAGC INCCIIICAACCA GCCGUITACCA IIOCCC	24020
G AGGUCCGC	5646	GGA GCCGUUAGGC UCCCIIICAAAGA GCCGIIIAAGC	24021
g guccacaa	5647	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24022
g genacegu	5648	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24024
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G ACCAUGGG	5650	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24026
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O AAGCUCAC	5654	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24029
G ACANACGU	5655	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	24031
CCAGCU	5656	GGA	24032
G ACAAGGAG	5657	GGA GCCGUUAGGC	24033
CAGACAAG G AGIIGGIIGG	5658	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24034
G GITGERCAG	6606	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24035
g gacagggg	5661	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24036
G ACAGGGGC	5662	GGA GCCGUUAGGC UCCCIIICAAGGA GCCGTTAAGAC	24037
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UGGGGC	5665	GGA GCCGUUAGGC	24041
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1641	CUCCCUUG G AGCAGIIGC	5727	des eccenoage ucconcaages eccenoages uccees	24102
1651	GCAGUGCU G GAAGIIACII	5720	GEA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24103
1652	CAGUGCUG G AAGITACTIG	5720	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24104
1664		57.50	GEA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24105
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1668	STOROGOU O DESCRIPTION	3/36	GGA GCCGUUAGGC UCCCUUCAAGGA	24108
1673	GAGGAACA G AACAGAAGA	5/33	GCCGUUAGGC UCCCUUCAAGGA	24109
1675	GGAACACA CACACATATA	2010	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24110
1677	AACAGAGA G ACGITIBATI	5735	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24111
1686		5737	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24112
1687	CGUUAAUG G AGUITGAG	5738	GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG	24113
1693		5739	GON OCCUMINACE INCRMISES COCCUMAGES UCCEGE	24114
1695	GAGUIUGA G GAACCACA	5740	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24115
1696	AGUUUGAG G AACCACAC	5741	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24116
1710		27.73	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24117
1722		57/3	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24118
1731		27.47	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24119
1732	UAGCAIITIG G GCTCACA	2746	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24120
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1782		5/52	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCCAAA	24128
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1809		3/24	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAGGAA	24130
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1836		27.02	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACACUUC	24135
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1857		5764	GCCGUUAGGC UCCGGG AACUGCAA	24140
1860	CAGUUGAA G GGAACAAC	5765	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAACUG	24141
1861	AGUUGAAG G GAACAACC	2766	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCAACU	24142
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1915	CUCCCGCA G ACACAGGU	5773	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGGGAG	24149
1921	CAGACACA G GUCACGGC	5774	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGUCUG	24150
1927	ဗ္ဗ	5775	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGACCUG	24151
1935		5776	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAGUGCC	24152
1941	8	5777	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACACCAC	24153
1942	UGGUGUUG G AAUUGCAG	5778	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACACCA	24154
1957	AGUACACU G GCACGGAU	5779	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUACU	24155
1962	ACUGGCAC G GAUGGACC	5780	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGCCAGU	24156
1963		5781	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGCCAG	24157
1366	9	5782	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCGUGC	24158
1367	G AC	5783	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCGUG	24159
1395	UCGUCAGU G GCUUCAUU	5784	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGACGA	24160
2004	GUUCAUU G AACGACCU	5785	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAAGC	24161
8008	CAUUGAAC & ACCUAACG	5786	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCAAUG	24162
2022		5787	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGGCGU	24163
2023	- 1	5788	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUGGCG	24164
2027	D AU	5789	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCCACU	24165
2050	GECAGAUD G GUCACUGU	5790	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCUGCC	24166
8002	GUOUCAGO G GCCACGGC	5791	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGAAAC	24167
2004	GUGGCCAC G GCCAACGC	5792	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGCCAC	24168
9/07	AACGCUAA G GUCCUGAU	5793	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAGCGUU	24169
7807	G AU	5794	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGACCUU	24170
2080	G AAU	5795	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAGGA	24171
1603	e GA	5796	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAAU	24172
2602	UUGAAUUG G AACCACCC	5797	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUUCAA	24173
2104	CACCCUUU G GAGACUCA	5798	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGGGUG	24174
2017	ACCCUUUG G AGACUCAU	5799	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGGGU	24175
7121		2800	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAAAGG	24176
2121		5801	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAUGUA	24177
*27	AUAGUGGU G GGCAGAGG	5802	CCUCUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCACUAU	24178

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GUNGUCCU GGA GUNGUUCUC GGA GUNGUUCUC GGA GUGCUUCUC GGA ACUNGUGCU GGA ACUNGUGCU GGA GCUAGUCU GGA CUGCGCUC GGA CCAAGUC GGA ACCUGAC GGA CAACUCAAGU GGA ACCUCCUC GGA CAACUCAAGU GGA ACCUCCCU GGA CAACUCCU GGA CAACUCCU GGA ACACCCUC GGA CAACCCUC GGA CAACCCUC GGA ACACCCUC GGA CAACCCUC GGA CAACCCUC GGA ACACCCUC GGA ACACCCCUC GGA ACACCCCUC GGA ACACCCCUC GGA ACACCCCCC GGA ACACCCCCC GGA ACACCCCCC GGA ACACCCCC ACACCC ACACCC ACACCC ACACCC ACACCC ACACCC ACACCC ACACCC ACACCC ACACC ACACCC ACACC ACACCC ACACCC ACACC AC	1. [1.] 1] 1] 1] 1] 1] 1] 1] 1] 1
UGGGCAGA G GAGAACAA	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UCUGCCCA GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UCUCUCGG GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGUDGUUC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AAUGGUGA GGCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AAUGGUGA GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AAUGGUGA GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AAUGCUGC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUUGAGGG GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUCGGG UUCGGG UUCGGG UUCGGG UUCGGG UCCGUDAGGC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UCCGGUDAGGC UCCGGG UCCGGUDAGGC UCCGGG UCCGGGG UCCGGUDAGGC UCCGGG UCCGG
GCACAGAG G AGAACAAC 5806 GUUGUUCU GGA	GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG UCCTGCGG GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG UCCTGGG UCCTGGG GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG UCCTGGG UCCTGGG GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG AAUGGTUGT GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG AAUGGTUGT GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG AAUGCTGC GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG AAUGCTGC GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG UTTUGAGGG GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG UTTUGAGGG GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGG UCCGGG UCCTGGG UCCTGGG UCCTGGG UCCTGTGUTAGGC GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGGC UCCGGG UCCTGGG UCCTGGG UCCTGTGUTAGGC GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGGC UCCGGG UCCTGGG UCCTGTGUTAGGC UCCTGTGUTAGGC UCCTGTGTGTG GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGGC UCCGGG CAAGCUTGUTAGGC UCCTGTTAGGA GCCGUTAGGGC UCCTGTGTGTG GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGGC UCCGGG CAAGCUTGUTAGGC UCCGGUTAGGGC UCCGGUTAGGGC UCCGGUTAGGGC UCCGGUTAGGGC UCCGGUTAGGC UCCGGG CAAAGUTCC GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC CCGGG CAAAGUTCC GGA GCCGUTAGGC CCCGUTAGGA GCCGUTAGGC CCGGG CAAAGUTCC GGA GCCGUTAGGC CCCGGG CAAAGUTCC GGA GCCGUTAGGC CCCGGG CAAGCTGT GGA GCCGUTAGGC CCCGGG CAAAGCTGC GGA GCCGUTAGGA GCCGUTAGGA GCCGGTAGACAGCAC GGA GCCGUTAGAGA GCCGUTAGGA GCCGGTAGACAGCACAGCACAGCACAGACAGACAGACACA
GCAGAAGGA G AACAACAG 5807 CUGUUGUU GGA	GGA GCCGUTAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGUUC GGA GCCGUUAGGC UCCGGG UGUUGUUC GGA GCCGUUAGGC UCCGGG UGUUGUUC GGA GCCGUUAGGC UCCGGG AAUGUUGU GGA GCCGUUAGGC UCCGGG UUUAGGC GGA GCCGUUAGGC UCCGGG UUUAGGC GGA GCCGUUAGGC UCCGGG UUUAGGC GGA GCCGUUAGGC UCCGGG UCCGGG UCCGGG GGA GCCGUUAGGC GGA GCCGGUAGGC GGA GCCGUUAGGC GGA GCCGUUAGGC GGA GCCGUUAGGC GGA GCCGUUAGGC GGA GCCGGUAGC
CAAGUCAACA G AUCAAUCA 5808 UGAUUGAU GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGUUC GGA GCCGUUAGGC UCCCGGG AAUGGUGA GGA GCCGUUAGGC UCCGGG AAUGGUGA GGA GCCGUUAGGC UCCGGG AAUGGUGA GGA GCCGUUAGGC UCCGGG AAUGGUGA GGA GCCGUUAGGC UCCGGG AAUGCUGC GGA GCCGUUAGGC UCCGGG UUUGAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGUUAGGC UCCGGG UCCGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGUUAGGC UCCGGG UCCGUUAGGC UCCGUUAGGC UCCGGG U
CCUCANU G GCACAAGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGGUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGGG UCCGGUUAGGC UCCGGG UCCGGGG UCCGGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGUUAGGC UCCGGG UCCGGGGG CCGGGGG UCCGGGG UCCGUUAGGC UCCGGG CCGGGG CCGGGG CCGGGG CCGGGG CCGGGG CCGGGG CCGGGGG CCGGGG CCGGG CCGGGG CCGGG CCGGGG CCGGGGG
ACAAGUCU G GAAGCAGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACTUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGACTUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UTUGAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UTUGAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UTUGAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGGG UCCGGGG UCCGGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGGG UCCGGGG UCCGGGG UCCGGGGG UCCGGGG UCCGGGG UCCGGGG UCCGGGG UCCGGGG UCCGGGG UCCGGGG UCCGGGGG UCCGGGGG UCCGGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGGG UCCGGG UCCG
CCUCAAAA G AACAACA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGACTUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUTGCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UTUGAAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UTUGAAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACAGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACAGCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCGGG UCCCGGG CAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAU GGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCGGG CAACGGA CCCGUUAGGC CCGGGA CCCGGGA CCCGGA C
CCCUCAAA G GAACGCAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UTUGAAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UTUGAAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UTUGAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGAGCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGAGCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGAGCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGUUAGGC UCCGGG UCC
CCCUCAAA G GAGGGCAG 5813 CUGCGCUC GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UTUTGAAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UTUTGAAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGGCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACAAGCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACAAGCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACAAGCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGUUAGGC UCCGGG UCCGUUAGGC UCCGGG UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAACGA GCCGUUAGGC UCCGGG UCCAACUGAU
CCUCAAAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUGAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGGUUCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGAGCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGAGCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGAGCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGG UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGA GGCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAACGA GCCGUUAGGC UCCGGG UCCAACUGAU
GGAGGGGA G AGACUAGC 5815 GCUAGUCU GGA AGCGCAGA G ACTAAGCCG 5816 CGGCUAGU GGA CGGCUAGU GGA CGGCUAGA G AGACACAG 5817 UGUGGUCU GGA CGCUCUAGG G AGCUCUAG G AGACACAG 5818 CUGUGGCU GGA CACAGCUU G GACCUUUGG G ACCUUUGG G ACCUUUCG G ACCUUUCUUCG G ACCUUUCUCG G ACCUUUCUUCG G ACCUUUCUUCG G ACCUUUCUUCG G ACCUUUCUCG G ACCUUUCUUCG G ACCUUUCUCG G ACCUUUCUCG ACCUUUCUCG ACCUUUCUCG ACCUUUCUCG ACCUUUCUCG ACCUUUCUCG ACCUUUCUUCUCUUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGCUCCGGA GCCGUUAGGC UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGG UCCGGUUAGGC UCCGGG UCCGGG UCCGUUAGGC UCCGGG UCCGGG UCCCUUCAACGG GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCGGG UCCAACUGAU GCGGUUAGGC UCCGGG UCCAACUGAU GCG UCCGGUUAGGC UCCGGG UCCAACUGAU GCG UCCGAACUGA GCCGUUAGGC UCCGGG UCCCAACUGA GCCGUUAAGGC UCCGGG UCCCAACUGA GCCGUUAGGC UCCGGG UCCCUUCAACUGA GCCGUUAGGC UCCGGG CCCCAACCGGG CCCGAG CCCGGGGAG CCCGGGG CCCAACCGGG CCCGGGG CCCGGGG CCCGGGG CCCGGGG CCCGGGG CCCGGGG CCCGGGG CCCGGGG CCCGGG CCCGGG CCCGGG CCCGGG CCCGGGG CCCGGGG CCCGGGG CCCGGGG CCCGGG CCCGGGG CCCGGGG CCCGGG CCCGGG CCCGGGG CCCGGG CCCGGG CCCGGG CCCGGGG CCCGGG CCCGGGG CCCGGGG CCCGGGG CCCGGGG CCCGGG CCCGGGG CCCGGG CCCCGGG CCCGGG
AGCGCAGA G ACUAGCCG 5816 CGGCUAGU GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGCGCUUAGGC UCCGGG UACAGCGUUAGGC UCCGGG UACAGCGGG GCGGUUAGGC UCCGGG UACAGCGGG GCGGUUAGGC UCCGGG UACAGCGGG GCGGUUAGGC UCCGGG UCCGUUAGGC UCCGGG UCCGUUAGGC UCCGGG UCCGGG UCCGGGG UCCGGUUAGGC UCCGGG UCCGGGG UCCGGUUAGGC UCCGGG UCCCGUUAGGC UCCGGG UCCCGUUAGGC UCCGGG UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAUCGGG UCCGUUAGGC UCCGGG UCCCUUCAACGG GCCGUUAGGC UCCGGG UCCAACUGAUCGGG UCCCGUUAGGC UCCGGG UCCGAACUGAUCGGA GCCGUUAGGC UCCGGG UCCCAACUGAUCGAGA GCCGUUAGGC UCCGGG UCCCAACUGAUCCGGG UCCCAACUGAUCCGGAACUGACCGUUAGGC UCCGGG UCCCAACUGAUCGAGA GCCGUUAGGC UCCGGG UCCCAACUGAUCGC UCCGGG UCCCAACUGAUCCCGUUAGGC UCCGGG UCCCUUCAACGA GCCGUUAGGC UCCGGG UCCCAACUGAUCGC UCCGGG UCCCAACUGAUCCGG UCCCAACUGAUCGC UCCGGUUAGGC UCCGGG UCCCAACUGAUCCGGAACUGACCGUUAGGC UCCGGUUAGGC UCCGGG UCCCAACUGAUCCGG UCCCAACCGAGA GCCGUUAGGC UCCGGG UCCCAACUGAUCCCAACUGA GCCGUUAGGC UCCGGG UCCCAACCUGA GCCGUUAGGC UCCGGG UCCCAACCUGA GCCGUUAGGC UCCGGG CCCAACCGGG CCCCAACCGGG CCCCAACCGGG CCCCAACCGGG CCCCAACCGGG CCCCAACCGGG CCCCAACCGGG CCCCAACCGG CCCCAACCGGG CCCCAACCGGG CCCCAACCGGG CCCCAACCGGG CCCCAACCAA
CCGCUCUA G GAGACACA 5817 UGUGGUCU GGA CGCUCUAG G AGACACAG 5818 CUGUGGUCU GGA CUCUAGGA G ACACAGCU 5819 AGCUGGUCU GGA CACAGCUU G GACCUUUG 5820 CAAAGUC GGA ACAGCUUG G GACCUUUG 5821 CCAAAGUC GGA ACAGCUUG G GACCUUUG 5821 CCAAAGUC GGA GGACUUUG G ACUUUGGA 5822 UCCAAAGUC GGA GGACUUUG G AUCAGUUG 5823 AACUGANC GGA GAACAGUU G GAGGGUGU 5824 CAACCCCUC GGA AUCAGUUG G AGGGGUGU 5825 CACCCCUC GGA AUCAGUUGA G GGUGUUCA 5826 ACACCCCUC GGA AGUUGGAG G GGUGUUCA 5829 GUGAACACC GGA AGUUGGAG G GGUGUUCA 5829 GUGAACACC GGA CCUCAGUUG G GAAGGCU 5830 ACCCUUCC GGA CUCAGUUG G GAAGGCU 5831 ACACCCUUC GGA CUCAGUUG GAAGGCUG 5831 ACACCCUUC GGA CUCAGUUG GAAGGCUG 5833 AUGUCCCU GGA CUCAGUUC GAAGGCUG 5834 AUGUCCUC GAA AAGUUGGA<	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGAGCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAGAGCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUAGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGA GGCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGA
CGCUCUAGG G AGACACAG 5818 CUGUGGUCU GGA CUCUAGGA G ACACAGCU 5819 AGCUGGUCU GGA CUCUAGGA G ACACUUUGG 5820 CAAAGUCC GGA ACAGGUUG G GACUUUGGA 5821 CCAAAGUC GGA ACAGGUUG G GACUUUGGA 5821 CCAAAGUC GGA GGGACUUU G GAUCAGUU 5822 UCCAAAGU GGA GAGCUUGG G AUCAGUU 5823 AACUGANC GGA GAACAGUU G GAGGGUGU 5824 CAACUGAN GGA AUCAGUUG G AGGGGUGU 5825 CACCCCUC GGA AUCAGUUGG G AGGGUGUUC 5825 CACCCCUC GGA AGUUGGAG G GGUGUUCA 5826 ACACCCCUC GGA AGUUGGAG G GGUGUUCA 5828 UGAACACC GGA CCUCAGUUG GAGGGUGU 5829 GUGAACCC CCUCAGUU GAGGGUUCA 5829 GUGAACCC AGUUGGAG GAGGGCUG 5831 ACACCCCUC GGA CCUCAGUU GAAGGCUG 5833 ACACCCCUC GGA CCUCAGUU GAAGGCUG 5834 ACACCCUUC GGA CUCAGUUCG GAAGGCUGC 5834 ACACCCUUC GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAGAAGCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUAGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGA
CUCUAGGA G ACACAGCU 5819 AGCUGUGU G GA CACAGCUU G GGACUUUG 5820 CAAAGUCC GGA ACAGCUUG G GACUUUGGA 5821 CCAAAGUC GGA CAGCUUGG G ACUUUGGA 5822 UCCAAAGU GGA GGACUUUG G AUCAGUU 5823 AACUGANC GGA GAACAUUGG G AUCAGUU 5824 CAACUGAN GGA AUCAGUUG G AGGGGUGU 5825 CACCCCUC GGA AUCAGUUGG G AGGGGUUUC 5826 ACACCCCUC GGA AGUUGGAG G GGUGUUCA 5829 GUGAACACC GGA CCUCAGUU G GGAGGCUG 5829 GUGAACAC GGA CUCAGUUG G GAAGGCU 5831 ACCCUUCC GGA CUCAGUUG G GAAGGCUG 5831 ACACCCUUC GGA CUCAGUUG G GAAGGCUG 5833 UGGACCUUC GGA CUCAGUUG G GAAGGCUG 5833 ACAGCCUUC GGA AAGUGUUC G GAGGAGCUG 5833 ACAGCCUUC GGA AAGUGUUC G GAGGAGCUG 5834 AUGUCCUC GGA AAGUGUUC G AGGAGAGCU 5835 AUGUCCUC GGA AAGUGUUC G AGGAGACUUC GGA 5835 AUGUCCUC GGA AAGUGUUC G AGGAGAGCUUC GGA 5835	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUAGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGA
CACAGCUU G GGACUUUGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGA GGCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU
ACAGCUUG G GACUUUGG 5821 CCAAAGUC GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGA GGCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG
CAGCUUGG G ACUUUGGA 5822 UCCAAAGU GA GGGACUUG G ANUCAGUU 5823 AACUGAUG GGA GGAACUUU G ANUCAGUUG 5824 CAACUGAU GGA GAUCAGUU G AAGGGUGU 5825 CACCCCUC GGA AUCAGUUGA G AGGGUGUUC 5826 ACACCCCU GGA CAGUUGGA G GGUGUUCA 5827 GAACACCC GGA AGUUGGAG G GUGUUCAC 5829 UGAACACC GGA GUUGGAGGCU 5829 GUGAACAC GGA CCUCAGUU G GAAGGCU 5830 AGCCUUCC GGA CUCAGUUG G AAGGCUGU 5831 ACAGCCUU GGA GUUGGGAA G GUGUCCA 5833 UGGACCUC GGA AAGUUCGGA 5834 UGCUCCUC GGA AAGUUUCGA G AGGAGCAUC 5835 AUGUCCCU GGA AAGUUCGGA G AGGAGCAUC 5835 AUGUCCCU GGA AAGUUCGGA G AGGAGCAUC 5835 GAAUCCCU GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGA
GGGACUUU G GAUCAGUU 5823	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUGA GGCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG
GARCUUUG G AUCAGUUG 5824 CAACUGAU GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCUUAAGGC UCCGGUUAGGC UCCGGG UCCAACUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG
AUCAGUUG G AAGGGGUG 5825 CACCCCUC GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCUUAAGGC UCCGGUUAGGC UCCGGUUAGGC UCCGGGUUAGGC UCCGGUUAGGC UCCGGGUUAGGC UCCGGGUUAGGC UCCGGGUUAGGC UCCGAACUG
AUCAGUUG G AGGGGUGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCAACU
CAGUUGGA G GGGUGUUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG
AGUUGGAG G GGUGUUCA 5828 UGAACACC GGA GUUGGAGG G GUGUUCAC 5829 GUGAACAC GGA CCUCAGUU G GGAAGGCUG 5830 AGCCUUCC GGA CUCAGUUG G GAAGGCUG 5831 CAGCCUUC GGA UCAGUUGG G AAGGCUGU 5832 ACAGCCUU GGA GUUGGGAA G GCUGUCCA 5833 UGGACAGC GGA AAGUGUUC G GAGGAGCA 5833 UGCUCCUC GGA AGUGUUCG G AGGAGCA 5834 UGCUCCUC GGA AGUGUUCGA G GAGGAGCA 5835 AUGCUCCUC GGA CUTUCGGA G GAGGAUUC 5835 GAAUGCUC GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCAACU
GUUGGAAG G GUGUUCAC 5829 GUGAACAC GGA CCUCAGUU G GGAAGGCUG 5831 CAGCCUUC GGA CUCAGUUG G AAGGCUGU 5832 ACAGCCUU GGA AAGUGUUC G GAGGAGCA 5833 UGACAGC GGA AAGUGUUC G GAGGAGCA 5834 UGCUCCUC GGA AGUGUUCG G AGGAGCAU 5835 AUGCUCCUC GGA AGUGUUCG G AGGAGCAUC 5835 AUGCUCCUC GGA CUCUCCGGA GAGGAGCAUC 5835 AUGCUCCUC GGA CUCUCGGA GAGGAGCAUC 5835 GAAUGCUC GGA CUCUCGGA CUCUCCGA CUCUCGGA CUCUCGCA CUCUCGGA CUCUCGGA CUCUCGGA CUCUCGGA CUCUCGGA CUCUCGGA CUCUCGGA CUCUCGCA CUCUCGGA CUCUCGGA CUCUCGGA CUCUCGGA CUCUCGGA CUCUCGGA CUCUCGCA CUCUCCCUCCCUCCCUCCCUCCCUCCCUCCCUCCCUC	
CCUCAGUU G GGAAGGCU 5830 AGCCUUCC GGA CUCAGUUG G GAAGGCUG 5831 CAGCCUUC GGA UCAGUUGG G AAGGCUGU 5832 ACAGCCUU GGA GUUGGGAA G GCUGUCCA 5833 UGGACAGC GGA AAGUGUUCG G AAGGAGCA 5834 UGCUCCUC GGA AGUGUUCGG G AGGAGCAU 5835 AUGCUCCUC GGA CHUCCGGA G GAGCAUUC 5835 GAAUGCUC GGA	
COCAGOUG G GAAGGCUG 5831 CAGCCUUC GGA UCAGUUG G AAGGCUGU 5832 ACAGCCUU GGA GUUGGGAA G GCUGUCCA 5833 UGGACAC GGA AGAGUUC G GAGGAGCA 5834 UGCUCCUC GGA AGUGUUC G AGGAGCAU 5835 AUGCUCCU GGA UGUUCGGA G GAGCAUUC 5835 GAAUGCUC GGA GUUCCGA G GAGCAUUC 6836 GAAUGCUC GGA	GGA GCCGUUAGGC
OCAGOUGG G ANGSCUGU 5832 ACAGCCUU GGA GUUGGGAA G GCUGUCCA 5833 UGGACAGC GGA AAGGUUC G GAGGAGCA 5834 UGCUCCUC GGA AGGGCAU 5835 AUGCUCCU GGA UGUUCGGA G GAGCAUUC 5835 GAAUGCUC GGA GUUCCGA G GAGCAUUC 5836 GAAUGCUC GGA	GGA GCCGUUAGGC
SOURCEGAM GUIDELCA 5833 UGGACAGC GGA	GGA GCCGUUAGGC UCCCUUCAAGGA
ANGUGUCG G AGGAGCAU 5834 UGCUCCUC GGA AGUGUUCG G AGGAGCAU 5835 AUGCUCCU GGA UGUUCGGA G GAGCAUUC 5836 GAAUGCUC GGA	GGA GCCGUUAGGC
ACUCCOCA O AGGACAU 5835 AUGCUCCU GGA UGUUCGGA O GAGCAUUC 5836 GAAUGCUC GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
GHICCOR G GAGCAUUC 5836 GAAUGCUC GGA	GGA GCCGUUAGGC
	GGA GCCGUUAGGC
GAGIGING GREAUCC 5837 GGAAUGCU GGA	GGA GCCGUUAGGC UCCCUUCAAGGA
CACUGUUC G MAGGCAUG 5838 CAUGCCUC GGA	8
ACUGUNCE G AGGCAUGU 5839 ACAUGCCU GGA	GGA GCCGUUAGGC
UGUUCGGA G GCAUGUCC 5840 GGACAUGC GGA	GGA GCCGUUAGGC
CAUGUCCU G GAUGACGC 5841 GCGUUAUC GGA	₽ E
AUGUCCUG G AUAACGCA 5842 UGCGUUAU GGA	- 1

Table VII

2353	UNACGCAA G GAUUGCUG	5843	CAGCAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCGUUA	24219
2354	G AU	5844	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24220
2361	9 9	5845	AGAGCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAAUCC	24221
2362		5846	accentrage uccees	24222
2363	AUUGCUGG G GGCUCUCC	5847		24223
2364	unacueee e ecucacca	5848	AGGAGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAGCAA	24224
2378	6 0	5849	UGCCCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACAGG	24225
2379	G AU	5850	AUGCCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAACAG	24226
2382	99 9	5851	UUGAUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCACAA	24227
2383	UGUGGAUG G GCAUCAAU	2882	AUUGAUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCACA	24228
2398	G AU	5853	GGACCUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGAGCAU	24229
2402	UCGUGAÚA G GUCCAUAG	5854	CUAUGGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUCACGA	24230
2431	UCGCAGUU G GAGGAGUU	5855	AACUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGCGA	24231
2432	G AG	5856	GAACUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGCG	24232
2434	G GA	5857	CAGAACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG	24233
2435	AGUUGGAG G AGUUCUGC	5858	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24234
2457	G AA	5859	UGCACGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGGAGAG	24235
2470	UGCACGCU G ACACUGGG	2860	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24236
2476	CUGACACU G GGUGUGCC	5861	GGCACACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUCAG	24237
2477	g GO	5862	UCCCUUCAAGGA	24238
2488	G AC	5863	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24239
2498	ည စ	5864	GCUCUUGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG GGCUGAUG	24240
2503	GCCGGCAA G AGCUGAGA	5865	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24241
2508	CAAGAGCU G AGAUGUGG	5866	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24242
2510	AGAGCUGA G AUGUGGAA	5867	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24243
2515		5868	ucccuucaagga gccguuaggc	24244
2516		5869	CUCCACUU GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG CACAUCUC	24245
2521	GUGGAAGU G GAGUGUUC	5870	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24246
2522	UGGRAGUG G AGUGUUCA	5871	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24247
2539	UACACAAU G AUGUGGAG	5872	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24248
2544	O GP	5873	GGA GCCGUUAGGC	24249
2545	G AG	5874	ccaagccu gga gccguuaggc ucccuucaagaa gccguuaggc uccggg cacaucau	24250
2547	0	5875	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24251
2552		5876	GOUCCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCCUCC	24252
2553	GAGGCUUG G AUGGACCG	5877	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24253
2556		5878	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24254
2557	CUUGGAUG G ACCGGUAC	5879	GUACCGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCAAG	24255
2561	ns s	2880	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24256
2578	2 A	5881	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24257
2590	CGCCACAA G GCCUAGCC	5882	GGCUAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUGGCG	24258

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	24259	24260	24261	24262	24263	24264	24265	24266	24267	24268	24269	24270	24271	24272	242/3	4/747	24275	24276	24277	24278	24279	24280	24281	24282	24283	24284	24285	24286	24287	24288	24289	24290	24291	24292	24293	24294	24295	24296	24297	24298
		GEA GCCGUUAGGC UCCCUUCAAGGA	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	GGA GCCGUIAGGC UCCCUOCAAGGA GCCGUUAGGC	GCA GCCATTIAGG TICAMITTANAGA GCCGUDAGGC UCCGGG	GGA GCCGITTAGG INCOMINGARGEA GCCGUUAGGC UCCGGG	GGA GOOGHIAGGO HOOGHICANON GOOGHINGGO HOOGGG	GGB GCCGHIAGGG ICCCMICAAGGA GCCGUDAGGC UCCGGG	ON ACCOUNTINGS UCCCOULANGER GUCGUIAGGU UCUGGG	GGA GCCGUUALGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGIIIIAGC ICCCOUCAAGGA GCCGUDAGGC UCCGGG	GRA GOOGHIBGO HOOMONON OCCUMINOS HOOMS	GGA GCCGUVAGGC UCCCUICAAGGA	COCCUITION TO SECULIARION TO SECURIARION TO SECULIARION TO SECULIARION TO SECULIARION TO SECURIARION TO SECURIARION TO SECULIARION TO SECURIARION TO SECURIARIO SECURIARION TO SECURIARION SECURIAR	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIAGGC IICCGGG	CONTRIBUTION CONTRIBUTION OCCURRENCES	GGA GCCGUUAGGC IICCCIIICAAGGA GCCGUUAGGC UCCGGG	Con Continuor incominanti continuori	GON GOOGHINGOO HOOGHION CON GOOGHING CO	SON SECTIONARIES OCCUUNARIES SCCENNARIES UCCEGE AAAAGAGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAAAAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCAAAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUCCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACACCAUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACACCAU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGACACU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCACGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAACCAC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUUCUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUUUCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGUUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUGUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCCUGU	dga gcceutrage ucccutcaagea gcceutrage uccase gugangec	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGGUGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUUUUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUUUUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUUCCA	AGGCCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCAAUU
	2883	1000	5886 5886	5887	5888	5889	5890	5891	5802	5893	5894	5895	5896	5897	5898	5899	5900	5901	5902	2002	2002	2002	2000	2906	5907	5908	5909	2910	2911	2775	5713	5914	5915	5916	5917	5918	5919	5920	5921	5922
אטישאמטיוא ט אאטיסטעווי			0 0				CGGUCUAC G AUCAGUUU		UCCAGACU G GAGCAUCA		UCAAAUGU G GGAAGCAG	CAAAUGUG G GAAGCAGU		GAAGCAGU G AAGGACGA	GCAGUGAA G GACGAGCU	CAGUGAAG G ACGAGCUG	UGAAGGAC G AGCUGAAC	GACGAGCU G AACACUCU	ACUCUUUU G AAGGAGAA	CUITITIBAA G GAGAATICG	THE PROPERTY OF THE PROPERTY O		OSOSSON O MANAGED O	Abitogram o chocusto	AUGUIDITO O CACCOUAG	Actional & Accounted		GITCOURTER O PERSONS	GRANACH C MARCACAN		AND COCON O CONTINUE		ACTORNO G GAAUGUAC	ACAGERGE & AAUGUALA	GCCACCAC G GAAAAUU	CCACCACG G AAAAAUUG	,	G AM	UGGAAAUU G GCUGGAAG	AAUUGGCU G GAAGGCCU
2601	2610	2622	2623	2626	2627	2635	2642	2654	2658	2659	2672	2673	2674	2682	2685	2686	2689	2694	2706	2709	2710	2712	2776	2721	2722	22726	2740	2742	2748	2749	2751	2752	2753	23.5	2704	\$612	2802	2803	2809	5707

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	CAGCCAAU	UUCCAGCC	AGGCCOOC	Craceccoo	CCCAGGCC	UUUCCCCA	UGGUGCAA	ACAAAGGU	AACCACAA	AUCAACCA	GGACCAUC	CGGACCAU	UCCGGACC	ungencinc	cuueancu	GGACAUUC	ислеисее	AAGCGCGA	CAAGCGCG	DAAGCUAU	CACTILICATA	UCCACUUC	CUCCACUU	AAAUCCU	CAAAAUCC	AAAUCCAA	GAGUGCUG	CGAGUGCU	AGGAACAU	UUCAGGAA	UCUGACCII	UCUCUGAC	AGUUGUGU	ACAUUCAG	GAGUCACA	UUCGAGUC
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AUUGGCUG G AAGGCCTIG	ŲΘ	0	AAGGCCUG G GGAAAGAG	AGGCCUGG G GAAAGAGU			- 1	ច			GAUGGUCC G GAGACCAA	AUGGUCCO O AGACCAAG	ש פ	- 1	ABACCAAG G AAUGUCCG			CACCACTURE A ANTAGCTUT			UAGAAGUG G AGGAUUUU	GAAGUGGA G GAUUUUGG		AGAMMIN G GAUDOGGO	2 2	CAGCACTIC G GATTETTICC	AGCACUCE G AITEITICET	AUGUUCCU G AAGGUCAG	UUCCUGAA G GUCAGAGA	G AG		GUCAGAGA G AGCAACAC	ACACAACU G AAUGUGAC		2 2	GACUCGAA G AUCAUUGG
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	nccee	DECCOR	DDDDDD I	S UCCGGG	DECCEGO	DECCOR	DCCGGG	DECCEG	DECCEGE	DOCCEGE	S ACCECE	DESCORE T	nccee	DECCEG	DECCOR	DSSSSS C	C UCCGGG	ncceee	DECCEGE	occese	DCCGGG	DDDDDD T	nccee	nccees	ncceee	DECCEGE		i uccese	S nccees	ncceee	ອອອວວດ ເ		DCCGGG	DECCEGG	ncceee	DESCORE :	ncceee	nccee	200001
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GGAGACCU G GGUACAAG				AAAACCAG G GCCCNUGG	вевсссии в велселив	евсссаив в васвалев	G AC	O	GGGACGAA G GCCGGGUA	ව ප	G GU		CGGGUAGA G AUUGACUU	g AC	G AU	ACUGCCCA G GAACUACG	CUGCCCAG G AACUACGG	GGAACUAC G GUCACCCU	сисассси в авивавав	G AG	CUGAGUGA G AGCUGCGG		GAGCUGCO G ACACCGUO	GACACCGU G GACCUGCC	ACACCGUG G ACCUGCCA		G AG		AGAGAGCG G AAAGUUGA	G AU	UGAUAACA G AUUGGUGC	. 1		G AG			CGGCUGUU G GUAUGGUA	GUUGGUAU G GUAUGGAG	UAUGGUAU G GAGAUCAG
3244	3245	3252	3264	3265	3272	3273	3274	3277	3280	3284	3285	3289	3291	3295	3301	3313	3314	3321	3330	3334	3336	3343	3344	3352	3353	3376	3378	3382	3383	3390	3397	3401	3410	3411	3445	3451	3458	3463	3468

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AGRANCIA A ACCUCAGN 6 A CACALONA 6645 UDUGUEUG GRA GECOUTIAGGE UCCCUTUCAAGNA GECOUTIAGGE UCC	2	G AUC	6044	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAUACC	24420
MAGNICARON G ARANGHAND AGRICAGOR G ARANGHUNG GO GEOCHANAGE DECCUIDANGES DECCOUNTINGED TOCOGO INDUSTRIAN AGRICACOR A ANALOGOR AGRICACOR AND ALBARANA GO ARANGHAND GO ARANGHUNG GO GEOCHANAGE GEOCHANAGE DECCUIDANGE DECCOUNTINGE AGRICACOR ANALOGOR AGRICACOR GO ARANGHUNG GO ACCOUNTINGE DECCUIDANGE DECCUIDANGE DECCOUNTINGE DECCOUNTINGE DECCOUNTINGE DECCOUNTINGE DECCOUNTINGE DECCOUNTINGED DECCOUNTIN	176	G ACC	6045	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAUCUCC	24421
AGCHAGAR A CANULAGNUE 6047 CHURUNDU GRA GECCHURAGE UCCCUTCAAGRA GECCHURAGE UCCCOUTAAGA GECCHURAGE UCCCUTCAAGA GECC	183	AGACCACA G AGACAUGA	6046	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGUCU	24422
AMARACHU G ADARAGNO (6194) GOUTOUTOU GRA GECCOUDAGGE CUCCULCAAGGA GECCOUDAGGE UTCOCCAAGA GECCOUDAGGE UTCOCCAGA ACCAGAGA GECCOUDAGGE UTCOCCAAGA GECCOUDAGGE UTCOCCAGA ACCAGAGA GECCOUDAGGE UTCOCCAGA GECCOUDAGGA GECCOUD	185	ACCACAGA G ACAUGAUG	6047	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGUGGU	24423
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HUNCARANO G ANUGANCO GOSTO ANAGONU GOS GECCOURAGOS CUCCULOLAGOS GECCOURAGOS GECOURAGOS GECCOURAGOS GEC	2		6049	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUGUC	24425
UNAGANUA G ANUMANUA G ANUMANU	86	G ACC	6050	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUCAUC	24426
MANAGOU G MUNICADUD 6052 ANACADAU GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG AACCADAU UUUCAGUU G ACCCUUUUU G STANAAGGGU GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG AAUCADAU UUUCAGUU G GCCCUUUCAGGA GCCGUUAGGC UCCGGG AAUCADAU UUUCAGUU G GCCCUUCAGGA GCCGUUAGGC UCCGGG AAUCADAU UUCAGUU G GCCCUUCAGG GCGCCUUCAGGA GCCGUUAGGC UCCGGG AAUCADAU UUCAGUU G GCCCUUCAGG GCGCUUAGGC UCCGGG AAUCADAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCADAU GGA GCCCUUCAGGA GCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCADAU GGA GCCCUUCAGGA GCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCADAA GGCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCADAA GGCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCADAA GGCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCACACAC GGA AACCACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCACAC GGA AACCACACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCACAC GGA AACCACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCACAC GGA GCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGA GCCCUUCAAGGA GCCGUUAGGC UCCGGA GCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCCUUCAAGGA GCCGUUAGGC UCCGGA GCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGAA GCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGAA GCCCUUCAAGGA GCCGUUAGGC UCCGGAA GCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGAA GCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGA GCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGA GCCCUUAGGA GCCC	519	G AAU	6051	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG ACCUGUGA	24427
GUCHAUNI G ALUGANCC 6055 GGGGUCANI GAS GCCGUURGGC UCCCUUCAAGGA GCCGUURGGC UCCGGG ALUCHAU UUUCAGUU G ACCCUUUUU 6055 AAAAGGC GAA GCCGUURGGC UCCCUUCAAGGA GCCGUURGGC UCCGGG CAACUCAA UUUCAGUU G GCCCUUCU G GUCCUUCAGGA GCCGUURGGC UCCGGG CAACUCAAA UUUCAGUU G GUCCUUCU G GUCCUUCAGGA GCCGUURGGC UCCGGG CAACUCAAA UUCAGUUU G GCCGUURGGC UCCCGGG CAACUCAAC GAA GCCGUURGGC UCCCGGG CAACUCAAC GAAGGCC GAACUCAC GAAGGCCC GAAGGAG GAAGGAG GCCCUUCAAGGA GCCGUURGGC UCCGGG CAACUCAC GAAGGCCC GAACUCAC GAAGGCCC GAAGGAG GAAGGAC GAAGGAG GAAGGAC GAAGGAG GAAGGAC GAAGAC GAA	235	AUAAUGCU G AUAUGAUU	6052	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUUAU	24428
MANDRANDU G GECCUTOU MANDRANDE DE ACCCUDIUM MANDRANDE DE ACCUDIUM MANDRANDE DE ACCCUDIUM MANDRANDE	540	GCUGAUAU G AUUGACCC	6053	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAUCAGC	24429
UUUCAGUU G GGCCUUCUC UUUCAGUU G GGCCUUCUC G 6056 CAGARGAC GGA GCCCUUCAAGGA GCCCUULAAGGA GCCGUULAGGC UCCGGG AACUGAAA GGCCUUCAGUU G GCCUCUCCA G 6058 GAGARGAC GGA GCCCUUCAAGGA GCCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCGGG AACAGGC GUGUUCUCUC G GUGUUCUC G GUGUUCUCU G GAGAGGCCU G 6059 AGARGACCU G GGCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCGGG AACAGGC CCACCCAA G AGGACCUC G AGAGACCU G 6050 AGAGACCU G GGCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC CCACCCAA G AGGACCUC G GGCGUUCAC G GGCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCGGGAAGG CCACCCAA G AGGACCCU G 6051 G GGCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCGUUCAAGGA G GCCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCGGGAAGGA CCACCCAAGA G AGGACCU G GGCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCGGGAAGGA CCACCCAAGA G GGCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCGGG UGCGGAAGA CCACCCAAGAGACCA G 6051 CUGCCACCA G GGCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCGUULAGGC UCCGGG UGCGGAAGA CACCCAAGAGACCA G GGCGAULAGCCA G GGCGAULAGGC UCCCUUCAAGGA GCCGGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCGGG UGCGGAAGA CACCCAAGAGAGCA CACCCACCAAGAGACCA AGAGCCAACACCAAA G GCCGUULAGGC UCCCUUCAAGGA GCCGUULAGGC UCCGGG UGCGGAAGACA CACCCAAGAGAGCA AACAGCCAA AACAGCCAA AACAGCAAA AACAGCAAA AACAGCAAA AACAGCAAA AACAGCAAA AACAGCAAA CCACCAACACACAAAAA CCACCAACACACAAAAAA	544	AUAUGAUU G ACCCUUUU	6054	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAUAU	24430
UCCADUUG G GECULUCUS G GECCULUCUS G GUCGUIULOG G GECCULUCUS G GUCGUIULOG G GECCULUCAGO GGECULUCUS G GUCGUIULOG G GECCULUCAGO GGECULUCUS G GUCGUIULOG G GUCGUIULOG G GUCGUIULOG G GUCCULUCAGO G GUCGUIULOG G GUCGUIULOG G GECCULUCAGO G GUCGUIULOG G GECCULUCAGO G GUCGUIULOG G GECCULUCAGO G GUCGUIULOG G GUCCULUCAGO G GUCGUIULOG G GUCGUIULOG G GUCCULUCAGO G GUCGUIULOG G GUCGUIULOG G GUCGUIULOG G GUCGUIULOG G GUCGUIULOG G GUCCULUCAGO G GUCGUIULOG G GUCG	558	UNICAGUU G GGCCUUCU	6055	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAAA	24431
GACCUCUC G GUCGUCUU 6057 AACACGAC GGA GCCGUIJAGGC UCCCUCDAGGA GCCGUIJAGGC UCCGGG AGAAGGCC GCGACCCACA G GAGGUCCACA G GACGACACA G GAGGUCCACA G GAGGACCACACACA G GAGGUCCACA G GAGGACACACA G GAGGACACA G GAGGA	559		6056	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAACUGAA	24432
GUUCICAGO A GAGGACICA GAS AGAGACCO GAS GCCGUINAGGO UCCCUUCAAGAA GCCGUINAGGO UCCGGG DADADACAC GCCACCAGA G GAGGACCUC GAS AGGCGUINAGGO UCCCUUCAAGAA GCCGUINAGGO UCCGGG UCGGGGU ACCCAGGA G GUCCUUCG 6661 CGAAGGAC GAS GCCGUINAGGO UCCCUUCAAGAA GCCGUINAGGO UCCGGGG UCGGGGU ACCCAGGA G GUCCUUCG 6662 GUCCACCU GAS GCCGUINAGGO UCCCUUCAAGAA GCCGUINAGGO UCCGGGG UCGGGGU CUCCACAGA G GUCACACA 6662 GUCCACCU GAS GCCGUINAGGO UCCCUUCAAGAA GCCGUINAGGO UCCGGGG UCCGGG UCGGGGU CACAGAGO G GACAACACA 6663 GUCCUUCA GAS GCCGUINAGGO UCCCUUCAAGAA GCCGUINAGGO UCCGGG UCCGCUUAGGC UCCCUUCAACAC GA GCCGUINAGGC UCCGUINAGGC UCCGGUINAGGC UCCGGUINAGGC UCCGCUUAACAC GA GCCGUINAGGC UCCGUINAGGC UCCGGUINAGGC UCCGGUINAGGC UCCGGUINAGGC UCCGGUINAGGC UCCGGUINAGGC UCCGUINAGGC UCCGGUINAGGC UCCGGUINAGGC UCCGCUINAGGC UCCGGUINAGGC UCCGUINAGGC UCCGUINAGGC UCCGUINAGGC UCCGCUUCAACA GA GCCGUINAGGC UCCGCUINAGGC UCCGUINAGGC UCCGUINAGGC UCCGCUUCAACA GCCGUINAGGC UCCGCUINAGGC UCCGCUINAGGA GCCGUINAGGC UCCGCCUUCAACA GCCGUINAGGC UCCGCUINAGGA GCCGUINAGGC UCCGCCUCAACA GCCGUINAGGC UCCGCUINAGGA GCCGUINAGGC UCCGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCG	267		6057	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAGGCC	24433
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GUAGUNGO G GUAGACANU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACUAGG CUAGUCCU G GUGGUUUGG G GGGCAUUAGG UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACACACA GGGGUUUUGG G GGCCAUUACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACACC GUUUUUGG G GGCAUUACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACACC GUUUUUGG G GGCAUUACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACACC GUUUUUGG G GCAUUACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAACAC CUUACACU G AUGUGUUA G GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCGGG AGAUUACC GOT3 UAACACAC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUUACC CUUACACU G GGGCAGC GOT4 GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUUACC AUCUUGGU G GGGCAGC GOT6 GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUUAGC AUCUUGGU G GGGCAGC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUUAGC AUCUUGGU G GGCGCCC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGUUAGGC UCCGUUAGGC UCCGGG AGCCGUUAGGC UCCGUUAGGC UCCGGG AGCGGUUAGGC UCCGUUAGGC UCCGGG AGCGGUUAGGC UCCGUUAGGC UCCGGG AGCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCGGUUAGGC UCCGGG AGCGGUUAGGC UCCGGG AGCGGUUAGGC UCCGGUUAGGC UCCGGG AGCGGUUAGGC UCCGGG AGCGGUUAGGC UCCGGG AGCGGUUAGGC UCCGGG AGCGGUUAGGC UCCGUUAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG AGCGGUUAGGC UCCGUUAAGGA GCCGUUAGGC UCCGGG AGCGGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGUUAGGC UCCGGG GACCCUUCAAGA GCCGUUAGGC CUUCAAGA GCCGUUAGGC CUUCAAGA GCCGUUAGGC CUUCAAGA GCCGUUAGGC CUUCAAGA GCCGUUAGGC CUUCAAGA GCCGUUAGGC CUUCAAGA GCCGUUAGGC CUCAAGA CCCGUUAGGC CCCACCAAGA CCUUCAAGA GCCGUUAGGC GAACCCUCAAGA GCCGUUAGGC GAACCCUUCAAGA GCCGUUAGGC CCCCCCCAG GAACCCUUCAAGA GCCGUUAGGC CCCCCCCCCC	٤	ACAGCCAA G AUCAGCAU	9909	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGCUGU	24442
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GGUGUUUG G GGGCAUUA G OF ANUGCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO AAACACCA GGUGUUUG G GGGCAUUA GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO CAAACACC GGA GCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO CCAAACAC UCUUCACUU G GGCAUUACU G ANGUGUUA GOA GCCCCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO CCCAAACAC ACCCUUCAAGGA GCCGUUAGGC UCCGGO AGUGUAAGC UCCGGO AGUGUAAGC UCCGGO AGUGUAAGC UCCGGO AGUGUAAGC AGUGUAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO AGUGUAAGC AGUGUAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO AGUGUAAGC AGUGUAAGC GGA GCCGUUAGGC UCCCGGO AGUGUAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO ACCCAAGAU UCUUGGUG G GCAGCUUU G GGGCAGCUU GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO ACCCAAGAU CUUUCGCA GAACUUCAAGGA GCCGUUAGGC UCCGGO GCCCCAAGA GCCGUUAGGC UCCGGO GCCCCAAGA GCCGUUAGGC UCCGGO GCCCCAAGA AAACUUCGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO GCCCCAAGA CUUUCGCA GAACUUAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGCAAGA GCCGUUAGGC UCCGUUAGGC UCCGGO GCCCCAAGA CUUUCGCA GAACUUAGC GAAGGAACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO GCCCCAAGA CUUUCGCA GAAGAACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO GAAUUAGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO GCCCCACAA CUUAAUUC G GAAGAAGAC GOBA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCCCACAACA CCGUUAGGC CCCCCCCCCACAACA CCGCUUAGGC CCCCCCCCACAACA CCGUUAGGC CCCCCCCCCC		g and	6068	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGACUAG	24444
GUGUUGGG G GGAUTHAC GUGUUGGG G GGAUTHAGGC CGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGG CAAACAC GUGUUUGGG G GCAUTHACU GUGUUGGG G GCAUTHACU GUGAUUGGC GGA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGG CCAAACA CUUACACU GUGAUGGG G GCGCCCAC GOA GCGGUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGG AGUGUAAGC AUCUUGGUG G GGGCAGCU GUCAUCUUGGU G GGGCAGCU GOA GCGCUUAGGC UCCCUUCAAGGA GCGGUUAGGC UCCGGG AGUGUAAGC AUCUUGGUG G GGGCAGCU GOA GCGCCCCAC GGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUAAGC AUCUUGGUG G GGGCAGCU GOA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCAAGA CUUUCGCG G GCAGCUUU GOA AAUCUAAU GOA AAUCUAAU CGAAGAAGAC GOA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCAA CUUAAUUCG G AAGAAGAC GOAGCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCAA CUUAAUUCG G AAGAAGAC GOAGAAUUAGC GAAGAAGAC CUAAUUCGG AAGAAGAC GOAGAAGAC CUAAUUCG G AGGAAGAC CUAAUCGG CUCCCUUCAAGGA CCCCUUCAAGGA CCCCUUAAGGA CCCCUUAAGGA CCCCUUAAGGA CCCCUUAAGGA CCCCUUAAGGA CCCCUUCAAGGA CCCCUUCAAGGA CCCCUUCAAGGA CCCCUUAAGGA CCCCUUCAAGGA CCCCCCACCCAACAACACACAACACA	200	Octobroll G GGGCAUU	6909	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACACCA	24445
UGUNUGGO G AGGAGACO CUNACACU G AUGUAGOC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAACA CUNACACU G AUGUAGUA GOOGCCCAC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAAACA CUNGGUGG G GGGCAGCU GOOGCCC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUAAGC AUCUUGGUG G GGGCAGCU GOOGCCC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUAAGC AUCUUGGUG G GGGCAGCU GOOGCCC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAAGA CUUGGUGG G GGCAGCUU GOOGCCC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCAAGA CUUGGUGG G GCAGCUUU GOOGCCC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACCAAGA CUUUCGCA AAUCUAAUU GOOGCCCUCC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCAAGA CUUUCGCA AAUCUAAUU GOOGCCCCCCCCCCAC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCCAAGA CUUUCGCA AAUCUAAUU GOOGCCC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCAAAUA CUUNCAUCGC GAAGAAGACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUAAUUCG G AAGAAGACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUAAUUCG G AAGAAGACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUAAUUCG G AGGAAGACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUAAUUCG G AGGAAGACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUAAUUCG G AGGAAGACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUAAUUCG G AGGAAGACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCGGG GAAUUAGA CUAAUUCG G AGGAAGACC GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCCCACCCAA	200	GEOGUGUGG G GGGCAUUA	6070	GGA GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC UCCGGG CAAACACC	24446
CUURCACU G AUGUSTAN 6073 AGUAAUGC GGA GCCGUUAGGC UCCCUCCAAGGA GCCGUUAGGC UCCGGG CCCAAACA CUURCACU G AUGUSTUA 6073 UAACACAU GGA GCCGUUAGGC UCCCUCCAGGA GCCGUUAGGC UCCGGG AGUSTUAAGC AUCUUGGUG G GGGCAGCU 6075 GCCCCCAC GGA GCCGUUAGGC UCCCUCCAGGA GCCGUUAGGC UCCGGG AGUSTUAAGC AUCUUGGUG G GGGCAGCU 6076 AGCUGCC GGA GCCGUUAGGC UCCCUCCAAGAA CUUGGUGG G GCAGCUUU 6077 AAGCUGC GGA GCCGUUAGGC UCCCUCCAAGA CUUCGUGG G GCAGCUUU 6078 AAAGCUGC GGA GCCGUUAGGC UCCCUCCAAGA CUUUCGCA GAACACACA GOA GCCGUUAGGC UCCCUCCAAGGA CUUUCGCA GAACACACA GGA GCCGUUAGGC UCCCUCCAAGA CUUUCGCA GAACACACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA GAAUUAGA CUUAAUUCG G AAGCACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA GAAUUAGA CUAAUUCG G AAGAACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUAAUUCG G AGGAACACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CUAAUUCG G AGGAACACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CUAAUUCG G AGGAACACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CUAAUUCG G AGGAACACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CUAAUUCG G AGGAACACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CUAAUUCG G AGGAACACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCCCCCCACCCAACAACAACAACAACAACAACAACAAC	000	TOTAL G GGCAUDAC	6071	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAACAC	24447
GUCAUCUU G GUGGGGGG (6074) GOAGCCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUAAGC AGUCAUCUU G GUGGGGGGCC (6074) GCCCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAANUGAC AGUCAGGU GCGGUUAGGC UCCGGG AGUCAGAU GCGGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCAAGA CUUGGUGGG G GCGCUUAGGC UCCGGG GCCCCAAGA GCCGUUAGGC UCCGGG GCCCACCAAGA GCCGUUAGGC UCCGGG GCCCCAAGA GCCGUUAGGC UCCGGG GCCGAAGAAGA GCCGUUAGGC UCCGGG GAAUUAGA GCCGUUAGGC UCCGGG GAAUUAGA GCCGUUAGGC UCCGGG GAAUUAGA GCCGUUAGGC UCCGGG GAAUUAGA GCCGUUAGGC UCCGGG GCGAAUUAGA GCCGUUAGGC UCCGGG CGAAUUAGA GCCGUUAGGC UCCGGG CGCAAUUAGA CCCCUUCCAAGGA GCCGUUAGGC UCCGGG CGCAAUUAGA CCCCUUCCAAGGA GCCGUUAGGC UCCGGG CGCAAUUAGA CCCCUUCCAAGGA GCCGUUAGGC UCCGGG CGCAAUUAGA CCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAAUUAGA CCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAAUUAGA CCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAAUUAGA CCGUUAGGC UCCGGG CGCAAUUAGA CCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAAUUAGA CCGUUAGGC UCCGGG CGCAAUUAGA CCGUUAGGC UCCGGG CGCAAUUAGA CCGUUAGGC UCCGGG CCGAAUUAGA CCGUUAGGC CCCCUUCAAGGA CCCGUUAGGC CCCCUUCAAGGA CCCGUUAGGC CCCCUUCAAGGA CCCCUUCAACACA CCCCUUCAACACA CCCCUUCAACACA CCCCUUCAACACA CCCCUUCAACACA CCCCUUCAACACA CCCCUUCAACACA CCCCUUCAACACA CCCCCCAACAACA CCCCCCAACAACAACA CCCCCC	200	GUIDAGE G GCAUDACT	6072	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAAACA	24448
AUCUUGGU G GGGGCAGC 6074 GCCCCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAUGAC AUCUUGGU G GGGGCAGC 6075 GCUGCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAAGAU UCUUGGUG G GGGCAGCUU 6076 AGCUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCCAAGA CUUGGUGG G GCAGCUUU 6078 AAGCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACCAAG UCUUCGCA AAUCUAAUU G GAAGGAGACA GCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGAAAG UCUAAUUCG GAAGGAGAC 6081 GUCUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUAAUUCG GAAGGAGAC 6081 GUCUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA UAAUUCGG GAGGAGAC 6082 CGUCUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGAAUUAGA CUAAUUCG GAGGAGAC 6082 CGUCUCCU GGA GCCGUUAGGC UCCCGUUAGGC UCCGGG CGAAUUAGA CCCCUUCAAGGA GCCGUUAGGC UCCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CCCCUUCAAGGA CCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CCCCUUCAAGGA CCCCUUCAAGGA CCCCUUCAAGGA CCCCUUAAGGA CCCCUUAACCCCUCCAAGGA CCCCUUAACCCCCCCCCC	700	G AUG	6073	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUAAG	24449
AUCUUGGU G GGGGCAGC 6075 GCUGCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGAAGAU UCUUGGUG G GGCAGCUU 6076 AGCUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCAAGA CUUGGUGG G GCAGCUU 6078 AAGCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACCAAG UCUUCGCA G AUCUNAU 6079 AUUCGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGAAAG CUUNCGCA AAUCUNAU GGAGGAGACA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCACCAA CUNAUUCG G AAGGAGACA 6080 UCUCCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUNAUUCG G AAGGAGAC 6081 GUCUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUNAUUCG G AGGAGACC GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CUNAUUCG G AGGAGACC GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CUNAUUCG G AGGAGACC GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CUNAUUCG G AGGAGACC GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA CUNAUUCG G AGGAGACC GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA COCCUUCAAGGA CCGUUAGGC UCCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA COCCUUCAAGGA CCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA COCCUUCAAGGA CCGUUAGGC UCCCUUCAAGGA CCCGUUAGGC CGAAUUAGA COCCUUCAAGGA CCGUUAGGC UCCCUUCAAGGA CCCGUUAGGC CGAAUUAGA COCCUUCAAGGA CCGUUAGGC CCCUUCAAGGA CCCGUUAGGC CCGAAUUAGA COCCUUCAAGGA CCCCUUCAAGGA CCCGUUAGGC CCCCUUCAAGGA CCCGUUAGGC CCGAAUUAGA COCCUUCAACCCCUCCAAGGA CCCCUUCAAGGA CCCCUUAGGA CCCGUUAGGC CCGAAUUAGA COCCUUCAACCCCCCAACCCCAACCCCAACCCCAACCCCCCC		900	6074	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAUGAC	24450
CUUGGUG G GGCAGCUU CUUGGUGG G GGCAGCUU CUUGGUGG G GGCAGCUU CUUGGUGG G GGCAGCUU CUUCGUGG G GGCAGCUU CUUCGUGG G GGCAGCUU CUUCGCA G GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGAGA CCCCCAAGA CUUCGCA ANUCUANU CUAAUUCG G AAGAGAGAC CUAAUUCG G AAGAGAGAC CONSTANTING G AAGAAGAC CONSTANTING G CONSTANTING CONSTANTING G AAGAAGAC CONSTANTING G CONSTANTING CONSTANTING G CONSTANTING CONSTANTING G CONSTANTING CO	8 8	AUCUUGGU G GGGGCAGC	6075	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAAGAU	24451
CUUGGUGG G GGCAGCUU UUGGUGGG G GCAGCUUU OCUNUCGCA G ANCULAAU OCUNUCGCA G ANCULAAU OCUNAUUCG G AGGAGAGAC OCUNCAGG G CAGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGAAAGA OCUNAUUCG G AAGGAGACA OCUNAUUCG G AAGGAGACA OCUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGAAAGA OCUNAUUCG G AAGGAGACA OCUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA GAAUUAGA OCUNAUUCG G AAGGAGACA OCUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA GAAUUAGA OCUNAUUCG G AAGGAGACA OCUCCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA GAAUUAGA OCUNAUUCGG G AGGAGACA OCUCCUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGA GCCGAAUUA	2	UCUUGGUG G GGGCAGCU	9209	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCAAGA	24452
CUULCGCA G ANCUIAN 6078 ANAGCUGC GGA GCGGUIAGGC UCCCUTCAAGGA GCCGUIAGGC UCCGAG CCCACCAA CUULCGCA G ANCUIANU 6079 AUUAGAUU GGA GCGGUIAGGC UCCCUTCAAGGA GCCGUIAGGC UCCGAG GCGAAAAG UCUNAUUC G GAAGGAGAC 6081 GUCUCCUC GGA GCCGUIAGGC UCCCUTCAAGGA GCCGUIAGGC UCCGGG GAAUUAGA CUAAUUCG G AGGAGAC 6081 GUCUCCUC GGA GCCGUIAGGC UCCCUTCAAGGA GCCGUIAGGC UCCGGG CGAAUUAGA UAAUUCGG G AGGAGAC 6082 CGUCUCCU GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG CGAAUUAGA	3 :	0 660	6077	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACCAAG	24453
CUULCACA G AAUCUAAG 6079 AUUAGAUU GGA GCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGAAAG UCUAAUUCG G GAGGAGAC 6081 GUCUCCUC GGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CUAAUUCG G AAGAGAC 6081 GUCUCCUC GGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAGA UAAUUCGG G AGGAGAC 6082 CGUCUCCU GGA GCCGUUAGGC UCCCGUUAGGC UCCGGG CCGAAUUA	112	5	6078	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCACCAA	24454
CUMANUCG G AGGAGACA 6082 CGUCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA CGAAUUAGG G AGGAGACG 6082 CGUCCCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAG CGAAUUAGG CCGUUAGGC UCCGGG CGAAUUAG CGAAUUAGGC UCCGUUAGGC UCCGGG CCGAAUUA	7,7	G AAU	6029	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGAAAG	24455
CUAAUUCGG G AGGAGACG 6081 GUCUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAG UCCGGG CGAAUUAGGC UCCGGGG CCGAAUUA	2	اه	6080	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA	24456
UAMUICAG G AGGAGACG 6082 CGUCUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGAAUUA	36	CUAAUUCG G GAGGAGAC	6081	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAG	24457
	37	UAAUUCGG G AGGAGACG	6082	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGAAUUA	24458

Table VII

24459	24460	24461	24462	24463	24464	24465	24466	24467	24468	24469	24470	24471	24472	24473	24474	24475	24476	24477	24478	24479	24480	24481	24482	24483	24484	24485	24486	24487	24488	24489	24490	24491	24492	24493	24494	24495	24496	24497	24498
GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCGAAIT	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCCGAA	acceduades uccetucaagea geoguvages uccege uccuced	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUCUCC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGUGUAC	GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG AUGAGCGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAUGAG	accepunages ucconstaga accepunages uccase tuganages	accentrage ucconterred accentrage uccess attracac	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAUAAA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUUUGAG	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UCGCUUUG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUCGCU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCUCGC	ассвиилавс иссепиславал вссвиилавс иссава иваливаи	accentrage uccenteragea accentrage uccese cuedutes	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGGUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAAAU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAUCAA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAACAU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUUGAAA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUAAG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAGCAGA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAGCAG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGAGCA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAGAG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGAUCU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACACAUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGAAUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAGUGA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUACC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUAC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAAGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUAUCAU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGUAUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGUGAA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUUUGA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGUGUUA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGUGUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCCGGG
CACGUCUC GGA	CCACGUCU GGA	UACCACGU GGA	AAGUGUAC GGA	AUGAGCGC GGA	AAGGUCGC GGA			GAUGCCAC GGA	AACGAUGC GGA		UGGUCCAU GGA	GGUUGGUC GGA							AAAACAGC GGA		- 1						- 1		- 1	- (- 1					GGAACAAC GGA		- 1	AAGCAUCU GGA
6083	6084	6085	9809	6087	6088	6089	0609	6091	6092	6093	6094	6095	9609	6097	6098	6609	6100	6101	6102	6103	6104	6105	9019	6107	6108	6109	6110	1110	6112	6113	6114	6115	6116	6117	6118	6119	6120	6121	6122
AUUCGGGA G GAGACGUG	UUCGGGAG G AGACGUGG	G AC	GGAGACGU G GUACACUU	GUACACUU G GCGCUCAU	GCGCUCAU G GCGACCUU		D AU	D G	G G	G AG	CAAAGCGA G AUGGACCA	AGCGAGAU G GACCAACC	GCGAGAUG G ACCAACCA	g G	G AG	AACCAGGA G AACAUUUU	AUTUTIGUT G AUGUTIGGC	9	AUGUUGGC G GCUGUUUU	UUUCAAAU G GCUUAUCA	CUUAUCAC G AUGCCCGC	ucuacucu a agagaucc	CUGCUCUG & GAGAUCCC	9	G AU	G AUC	GAUGUGUU G AAUUCACU	אייייייייייייייייייייייייייייייייייייי		5 E	S AUC	G AU	AUGAUACU G AGAGCCAU	GAUACUGA G AGCCAUAA	G AC	р Б	9	ខ្ល	CCCGGGCD G AGADGCOD
3739	3740	3742	3747	3756	3765	3768	3777	3795	3798	3816	3818	3821	3822	3831	3832	3834	3846	3852	3855	3873	3883	3905	3306	3907	3909	3916	3924	2025	3230	4400	25.65	3948	3354	3956	3975	3987	4018	4019	4023

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4025	ROTHWOTIK O REILIDEDO	6123	CONTRACTOR REPORTED TO SERVICE TO	00000
2007		6770	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	24499
,,		6124	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24500
4038	C CAN	6125	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24501
4039	G AUG	6126	GUACACAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAUUCA	24502
4049	G GAU	6127	GGA GCCGUUAGGC	24503
4050	G AUA	6128	GGA GCCGUUAGGC	24504
4062		6129	CCGACCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAGCAG	24505
4065	CUGUUGAU G GUCGGAAU	6130	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24506
4069	G GAA	6131	GCCUAUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCAUCA	24507
4070	G AAU	6132	UGCCUAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGACCAUC	24508
4075	ø	6133	CAAGCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUUCCGA	24509
4083	G AUC	6134	UCCCUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUGCC	24510
4088	CUUGAUCA G GGAGAAGA	6135	UCUUCUCC GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG UGAUCAAG	24511
4089	UUGAUCAG G GAGAAGAG	6136	CUCUUCUC GGA GCCGUIJAGGC UCCCUUCAAGGA GCCGUIJAGGC UCCGGG CUGAUCAA	24512
4090		6137	CCUCUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGAUCA	24513
4092	G AAG	6138	CUCCUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIUUAGGC UCCGGG UCCCUGAU	24514
4095	G AGG	6139	GCACUCCU GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUCUCCCU	24515
77	O	6140	CUGCACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCUCC	24516
4098	GAGAAGAG G AGUGCAGC	6141	GCUGCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUCUC	24517
4116		6142	GCUCCUUU GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG UUUUUUGC	24518
4120	G GAG	6143	ACTUGECUE GGA GEOGUUAGGE UCCEUTICAAGGA GEOGUUAGGE UCCGGG UUUCUUUU	24519
4121	G AGC	6144	GGA	24520
4140		6145	GGA	24521
4156	CCUCAACA G GACUUUUC	6146	GGA GCCGUUAGGC	24522
4157	G ACU	6147	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24523
4173	G AUC	6148	GGA GCCGUUAGGC UCCCUUCAAGGA	24524
4186	G GAC	6149	GGA GCCGUUAGGC UCCCUUCAAGGA	24525
4187		6150	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	24526
4191	GCUGGACU G AUUGCAUG	6151	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24527
4201		6152	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24528
4219	O	6153	UCCCUUCAAGGA	24529
4220	G AUG	6154	GGA GCCGUUAGGC	24530
<u></u>		6155	GGA	24531
4234		6156	CAUCACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUUGCGG	24532
4239	G AUG	6157	GCUGUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUCAGU	24533
4242	G ACA	6158	ACAGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACUUC	24534
4252	g 2000 2000	6159	GGA GCCGUUAGGC UCCCUUCAAGGA	24535
4273		0919	GGA	24536
4274	G AGGC	1919	GGA	24537
4276	UCGUCGGA G GGCUGGCA	6162	UGCCAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGACGA	24538

4277	свисвала в всивасла	6163	CUGCCAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCGACG	24539
4281	၁၁	6164	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24540
4285	GGCUGGCA G AGCUUGAC	6165	GUCAAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCAGCC	24541
4291	CAGAGCUU G ACAUUGAC	9919	GUCAAUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUCUG	24542
4297	UUGACAUU G ACUCCAUG	6167	GGA GCCGUUAGGC	24543
4305	GACUCCAU G GCCAUUCC	8919	GGAAUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGAGUC	24544
4317		6919	GGA	24545
4326	9 9	6170	AUGAGCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGAUAGU	24546
4327	ဗ္ဗ	6171	CAUGAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCGAUAG	24547
4328	၁၅	6172	ACAUGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGCGAUA	24548
4350	O	6173	CCAGAAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGAAAGC	24549
4357	UGAUUTCU G GGAAAUCA	6174	UGAUTUCC GGA GCCGUTAGGC UCCCTUCAAGGA GCCGTUAGGC UCCGGG AGAAAUCA	24550
4358	GAUUUCUG G GAAAUCAA	6175	UNGAUTUC GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG CAGAAAUC	24551
4359	AUTUCUGG G AAAUCAAC	6176	GUUGAUTU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGAAAU	24552
4369	AAUCAACA G AUAUGUGG	6177	CCACAUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGAUU	24553
4376	AGAUAUGU G GAUUGAGA	6118	UCUCAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUAUCU	24554
4377	GAUAUGUG G AUUGAGAG	6119	GGA GCCGUUAGGC UCCCUUCAAGGA	24555
4381	UGUGGAUU G AGAGAACG	6180	CGUUCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCCACA	24556
4383	UGGAUUGA G AGAACGGC	6181	GCCGUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAUCCA	24557
4385	G AA	6182	CCGCCGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCAAUC	24558
4389	GAGAGAAC G GCGGACAU	6183	AUGUCCGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCUCUC	24559
4392	AGAACGGC G GACAUTUC	6184	GGA GCCGUUAGGC	24560
4393	GAACGGCG G ACAUTUCC	6185		24561
4403	CAUTUCCU G GGAAAGUG	9819	CACUTUCC GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG AGGAAAUG	24562
4404	AUUUCCUG G GAAAGUGA	6187	UCACUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGAAAU	24563
4405	UUUCCUGG G AAAGUGAU	6188	AUCACUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGGAAA	24564
4411	GGGAAAGU G AUGCAGAA	6189	UUCUGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUTUCCC	24565
4417	GUGAUGCA G AAAUUACA	6190	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	24566
4426	AAAUUACA G GCUCGAGC	6191	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24567
4431	8	6192	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24568
4435	8	6193	AACUCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUCGAGC	24569
4439	G AG	6194	CAUCAACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCGCUC	24570
4444		6195	CCGCACAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUCUUU	24571
4451	UGAUGUGC G GCUUGAUG	9619	GGA GCCGUUAGGC	24572
4456	UGCGGCUU G AUGAUGAU	6197	AUCAUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCCGCA	24573
4459		6198	UCCAUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAAGCC	24574
4462	G AUC	6133	GUIUCCAU GGA GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC UCCGGG AUCAUCAA	24575
4465	9	6200	GAAGUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUCAU	24576
4466	G AA	6201	GGAAGUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCAUCA	24577
4482	CAGCUCAU G AAUGAUCC	6202	GGAUCAUV GGA GCCGUVAGGC UCCCUVCAAGGA GCCGUVAGGC UCCGGG AVBAGCUG	24578

4486	UCAUGAAU G AUCCAGGA	6203	UCCUGAN GGA GCCGUNAGGC UCCCUNCAAGGA GCCGUTAGGC UCCGGG AUTICAUGA	24579
4492	AUGAUCCA G GAGCACCU	6204	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24580
4493		6205	AAGGUGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGAUCA	24581
4502	AGCACCUU G GAAGAUAU	6206	AUAUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGUGCU	24582
4503	GCACCUUG G AAGAUAUG	6207	CAUAUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGGUGC	24583
4506	CCUUGGAA G AUAUGGAU	6208	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24584
4511	GAAGAUAU G GAUGCUCA	6209	GGA GCCGUUAGGC	24585
4512	AAGAUAUG G AUGCUCAG	6210	GGA GCCGUUAGGC UCCCUUCAAGGA	24586
4520	G AA	6211	AGACCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGCAUC	24587
4524	ര വേ	6212	AGACAGAC GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG AUUCUGAG	24588
4536	G AU	6213	GCACUAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGAGACA	24589
26	CACCCCU G GGCAAUCU	6214	AGAUUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGGGUG	24590
4557	ACCCCUG G GCAAUCUU	6215		24591
4579	CAGUAGUU G GAUUUUGG	6216	CCAAAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUACUG	24592
4580		6217	UCCAAAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUACU	24593
4586	G GA	6218	GGA	24594
4587	G AU	6219	AGAGUDAU GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAAAAUCC	24595
4608		6220		24596
4610	CACAAAGA G AGGAGGCG	6221	•	24597
4612	CAAAGAGA G GAGGCGUG	6222	CACGCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCUUUG	24598
4613	G AG	6223	ACACGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUUU	24599
4615	g GC	6224	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24600
4625	ceuenueu e egacacuc	6225	GAGUGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACACG	24601
4626	GUGUUGUG G GACACUCC	6226	GCCGUUAGGC UCCGGG	24602
4627	UGUUGUGG G ACACUCCC	6227	GGA GCCGUUAGGC	24603
4644	UCACCAAA G GAGUACAA	6228	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24604
4645	G AG	6229	GGA GCCGUUAGGC UCCCUUCAAGGA	24605
4656	g GG	6230	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24606
4657	ACARARAG G GGGACACG	6231	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24607
4658	CAAAAAGG G GGACACGA	6232	GGA GCCGUUAGGC	24608
4659	AAAAAGGG G GACACGAC	6233	GCCGUUAGGC	24609
4660		6234	GEUCADEU GEA GCCEUDAGEC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCUUUU	24610
4665	G AC	6235	CCGGUGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGUCCCC	24611
4672		6236	GUAGACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGGUCG	24612
4682	CGUCUACA G GAUCAUGA	6237	UCAUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUAGACG	24613
4683	GUCUACAG G AUCAUGAC	6238	GUCAUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUAGAC	24614
4689	AGGAUCAU G ACUCGUGG	6239	CCACGAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUCCU	24615
4696	UGACUCGU G GGCUGCUC	6240	GAGCAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGAGUCA	24616
4697	GACUCGUG G GCUGCUCG	6241	CGAGCAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGAGUC	24617
4705	GGCUGCUC G GCAGUUAU	6242	AUAACUGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG GAGCAGCO	24618

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able	

	CHOICE	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
CAGGACCO G CCOUGAUG GCGGGCGU G AUGGUUGA	6246 CAUC 6247 UCAA	CAUCACGO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUCCUG UCAACCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCCCGC	CGC 24623
GGCGUGAU G GUUGAAGG	6248 CCUU	accennagec uccaga	H
UUUUC	-	S S	ACCA 24626
UACAA		GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	3GUG 24627
G GAGCCGCU		GGA GCCGUUAGGC UCCCUUCAAGGA	3UUG 24628
CGCUU	6253 AAGCGGCU	AAGCGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUGUU	JGUU 24629
GAGA	Ĺ	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	\top
G GAGAGGC			\dagger
\exists		GGA GCCGUUAGGC UCCCUUCAAGGA	AUC 24633
T	6258 GCGG	GCGGCCCU GGA <u>GCCGUUAGGC</u> UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGCUCA AGGCGGCC GGA GCCGUIAGGC UCCCIIIDAAGGA GCCGIIIIAGGC IICTGGA IITIICAGTI	OCA 24634
ල දෙපදෙපගල		GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	\dagger
CCAUA		UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
PAUAC		GGA GCCGUUAGGC	3GGC 24638
G GGGCAGUG		GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	IGGG 24639
g ggcagugu	4	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
G GAGGAITCG	6265 GACACUGC	THE CON COCCUINGGE UCCCUICAAGGA GCCGUIAGGE UCCGGG CCAGUAGG	1
Τ	L	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	CAC 24643
g gaucgacu	6268 AGUCGAUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	t
ACUU			UGA 24645
G ACUTUGUU	1	dda gccguuaggc ucccuucaagga gccguuaggc	:UCC 24646
G GAGGACCC		GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
0000	4	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
G GACCCOGG	1	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	\dashv
1	\downarrow	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
G GAAAUUGC	_	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	\exists
JUGCA POSCA	4	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
G GAACGGGC	_	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	
ACCEPTED O CONTROLLE	1	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	1
G GGCAGGAO	1	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	1
GATGAGGTI	6280 CAUCCUGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	\forall
Aligacette	1	5 6	\dagger
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Table VII

4891	טייסיייסי ס זואססייסים	62002	CONTRACTOR COCCAST COCCATACOCC COCCACACACACACACACACACACACACACACAC	0.000
7,000	DO HOO	0203	GGA GCCGDDAGGC DCCCDDCAAGGA GCCGDDAGGC DCCGGG ADCCDGCC	74659
4893	g gag	6284	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUCCUG	24660
4899		6285	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCACCUC	24661
4902	GUGCAGAU G AUUGUGGU	6286		24662
4908	AUGAUUGU G GUGGAACC	6287	GOUNCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAUCAU 2466.	24663
4911	AUUGUGGU G GAACCUGG	6288	CCAGGUUC GGA GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC UCCGGG ACCACAAU 24664	24664
4912	1 1	6289	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCACAA	24665
4918		6290	GUUCUUGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AGGUUCCA 24666	24666
4923		6291	UVAACGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCCAGG 24667	24667
4932	AACGUUAA G AACGUCCA	6292	UGGACGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAACGUU 2466	24668
4941	AACGUCCA G ACGAAACC	6293	GGUUUCGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGACGUU 24669	24669
4944	G AAAC	6294	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUGGAC	24670
4951	Ð	6295	GAACACCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUUCG 24673	24671
4952		6296	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGUUUC	24672
4953		6297	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGGUUU	24673
4969		6298	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUGUUU	24674
4972	G GAG	6299	GAUUUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAGGUG 24679	24675
4973	G AGA	6300	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCAGGU	24676
4975		6301	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCAG	24677
4981		6302	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUUUCUC	24678
4982	1	6303	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAUUUCU	24679
4983		6304	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGAUUUC	24680
4989	G ACU	6305	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGGCCCC	24681
4995		6306	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCAC	24682
4996	ugactutud g acturecee	6307	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGUCA	24683
5008		6308	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGGGGA	24684
5009		6309	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUGGGG	24685
5017		6310	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAUGUUC	24686
5031		6311	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAUUGG	24687
5032		6312	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUAUUG	24688
5041	ACAAAAC G GUGAUGUG	6313	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUUUUGU	24689
5044	AAAACGGU G AUGUGAUU	6314		24690
5049		6315	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCACC	24691
5053	AUGUGAUU G GGCUUUAU	9169	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCACAU	24692
5054		6317	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCACA	24693
5062	G GCAA	6318	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAAAGCC	24694
5068	G GAGU	6319	gga gccguuaggc ucccuucaagga gccguuaggc uccggg auugccau	24695
5069	O	6320	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUGCCA	24696
5086	g gand	6321	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGGGCA	24697
5103	AUAAGCGC G AUAGUGCA	6322	UGCACUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGCUUAU 24696	24698

| GGA CCUUUCAC CAUCCAUU CAUCCAUU UCAUCCAU GGCUCAU GGCUCAU GGCUCAU GGUUCAAU GAUUGGCU UUCGAAU CCUCAGGUU CCUCAGGUU CCUCAGGUU CUCAGGUU |
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| UGCAGGGU G AAAGGAUG 6325 CAUCCCUUU GGA | CAUCCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCUGCA CAUCCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACCC UCAUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCACCC GGCUCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUUU GAUUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUUU GAUUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUCC UUCGAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGGGA GUUCGAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGG CCCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CCCAGCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCCU UUUUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCUC |
| GGGUGAAA G GAUGGAUG 6326 CAUCCAUC GGA | CAUCCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACCCC UCAUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCACC GGCUCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUUU UGGCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUUU GAUUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUCC UUCGAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGGG CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGG CCCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CCCAGCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA UUUUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCUC |
| GGUGAAAG G AUGGAUGA 6327 UCAUCCAU GGA GAAAGGAU G GAUGAGCC 6328 GGCUCAUC GGA AAAGGAU G AUGAGCCA 6329 UGGCUCAU GGA AAAGGAU G AUGAGCCA 6330 GAUUGGAU GGA GGAUGGAU G GAUUCGAAC 6331 UUCGAAUC GGA UCCAGCCG G AUUCGAAC 6332 GUUCGAAUC GGA CCCAGCCG G AUUCGAAC 6334 CUCAGGUU GGA CCCGGAUUC G AACCUGAG 6334 CUCAGCAUC GGA GAAAGCUGA G AAUCCUGAG 6334 CUCAGCAUC GGA GAGAAGCUGA G AAUCCUGAG 6334 CUCAGCAUC GGA GAGAAGCA G AUCCUGAG 6334 CUCAGCAUC GGA GAGAAGCA G AUCACUGU 6334 CUCAGCAUC GGA AAGAACCA G AUCACUGU 6334 CUCAGCAUC GGA AAGAACCA G AUCACUCA 6334 CUCAGCAUC GGA AACGUACU G GAUCUCCA 6334 CUCAGCAUC GGA ACUGUACU G GAUCUCCA 6334 CUCAGCAUC GGA ACUGUACU G GAUCUCCA 6340 UUCUUUUU GGA ACUGUACU G GCCCCGGU 6342 UCCAGCGC GGA ACUGUACU G GACCCCGGU 6342 ACCA | UCAUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCACC GGCUCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUUU GGCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUUU GAUUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUUC UUCGAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGGG CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUCCGG CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA UUUUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCUC |
| GAAAGGAU G GAUGAGCC 6328 GGCUCAUC GGA AAAGGAUG G AUGAGCCA 6330 UGGCUCAU GGA GGAUGGAU G AACCAAUC 6331 UUCGAAUC GGA UCCCAGCC G GAUUCGAA 6331 UUCGAAUC GGA UCCAGCC G AUUCGAAC 6332 GUUUGGAU GGA CCCGGAUUC G AACCUGAG 6334 CUCAGGUU GGA CCCGGAUCC G AUUCGAAA 6334 CUCAGCAUC GGA GAGAAGAAA 6334 CUCAGCAUC GGA GAGAAGCUG G AUUCGAAA 6334 CUCAGCAUC GGA GAGAAGAAA 6334 CUCAGCAUC GGA GAGAAAAAC 6334 CUCAGCGUU GGA AAGAAACA G AUCACUGU 6334 CUCAGUGUU GGA AAGAAACA G AUCACUGU 6334 CUCAGUGUU GGA AACGUACU G GAUCUCCA 6334 AUUUUUUC GGA ACUGUACU G GAUCUCCA 6341 AUGUUUUU GGA ACUGUACU G GAUCUCCA 6341 AUGUUUUUC GGA ACUGUACU G GAUCUCCA 6341 AUGUUUUUC GGA ACUGUACU G GAUCUCCA 6342 ACCGGCGC GGA ACUGUACU G GCCCCGGU 6346 ACCGGCCG GGA | GGCUCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUUUC UGGCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUU GAUUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUUC UUCGAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGGGA GUUCGAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACUGGG CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUCCGG CAGCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA UUUUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCUC |
| AAAGGAUG G AUGAGCCA 6339 UGGCUCAU GGA | UGGCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUU GAUUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUCC UUCGAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGGGA GUUCGAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUCCGG CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUCCGG CAGCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA UUUUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCUC |
| GGAUGGAU G AGCCAAUC 6330 GAUUGGAU GGA | GAUUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUCC UUCGAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGGGA GUUCGAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGGG CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUCCGG CAGCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCCU GGA GCCGUUAGGC UCCGGG AGCAUCUC |
| UCCCAGCC G GAUUCGAA 6331 UUCGAAUC GAA CCCAGCCG G AUUCGAAC 6332 GUUCGAAU GGA CCGGAUUC G AACCUGAG 6333 CUCAGGUU GGA UCGAACCUG G AGAGAAAA 6334 CAGCAUCU GGA GAACCUGA G AGGAAAAA 6335 CUCAGGUU GGA GAACCUGA G AGGAAAAAC 6333 CUCAGGGU GGA AAGAAAACA G AUCACUGU 6339 ACAGUGAU GGA AAGAAAACA G AUCACCAU 6341 GUUUUUU GGA AAGAAAACA G AUCACCAU 6342 ACAGUGAU GGA ACUGUACUG G AUCUCCAU 6343 UGUUUUUU GGA ACUGUACUG G AUCUCCAU 6341 AUGAGAGU GGA CUGUACUG G AUCUCCAU 6342 ACCGGCCC GGA UCAUCCAUG G AUCUCCAU 6343 UGUUUUUC GGA AAAAACAAG G AGGAUUCU 6344 GACAGAAUC GGA AAAAACAAG G AGGAUUCU 6345 UGUUUUUC AAAAACAAG G AUCCUCAU 6345 UGUUUUUC AAAAACAAG G AUCCUCAA 6348 UUGAUUUU AACAAGGAA G AUCCUCAA 6348 UUCAUCAAAAA AACAAAGGAA G ACCAGACAAAA 6350 UUAAUCAAAAAAAAA | UUCGAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGGGA GUUCGAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGGG CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUCCGG CAGCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCUC |
| CCCAGCCG G AUUCGAAC 6332 GUUCGAAU GGA CCGGAUUC G AACCUGAG 6333 CUCAGGUU GGA GGA34 CAGCAUCU GGA GAACCUGAG 6334 CAGCAUCU GGA GAACCUGAG GA35 CUCAGGUU GGA GAACCUGAG GA35 CUCAGGUU GGA GAACCUGAG GA36 UUUUUUCC GGAACCUGA GA37 GUUUUUUU GGA GAACCUGAG GA39 ACAGUGAGU GGA GAACACUGAG GA39 ACAGUGAGU GGA GAACCCCGGU GA37 GUUUUUUU GGA AACAGUGAU GGA GA41 AUGGAGAUC GGA GA41 ACAGUGAGU GGA GAACCCGGU GAACCCGGU GAACCCGGU GAACCCGGU GA42 ACCCGGCCC GAACCCCGGU GA42 ACCCGGCCC GAACCCGGU GA44 GAAUCCUC GAACCCGCC GAACCCGGU GA4 GAACCCGCC GAACCCCCCC GAACCCGCCC GAACCCGCCC GAACCCGCCC GAACCCGCCC GAACCCGCCC GAACCCGCCC GAACCCGCCC GAACCCGCCC GAACCCGCCCC GAACCCGCCC GAACCCGCCCC GAACCCGCCC GAACCCGCCC GAACCCCCCCC GACCCCACAC GACCCCACAC GACCCCACAC GACCCCCCCC GACCCCACAC GACCCCACAC <td>GUUCGAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCUGGG CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUCCGG CAGCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCCUUUUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCUC</td> | GUUCGAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCUGGG CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUCCGG CAGCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCCUUUUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCUC |
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| GAUGCUGA G GAAAAAC 6337 GUUUUUUC GGA AUGCUGAG G AAAAACA 6338 UGUUUUUU GGA AAAAAACA G AUCACUGU 6339 ACAGUGAU GGA ACUGUACUG G AUCUCCAU 6341 AUGGAGAU GGA UCCAUCCC G GCGCCGGU 6342 ACCGGCGC GGA UCCAUCCC G GCGCCGGU 6343 UGUUUUAC GGA UCAACAGA G AUGGAUUC 6344 GAAUCCUC GGA AAAACAAA G GAGAUUCU 6346 GCGCGGAAU GGA AACAAGGA G AUUCUGC 6346 GCAGAAAU GGA AACAAGGA G AUUCUGC 6348 UUGAUCAU GGA ACAAAGGA G AUCAUCAA 6349 UUGAUCAU GGA AUCAACAAA G AGCCCAUA 6350 UUUNAUGCC CAUAAACA G ACCAUAAA 6350 UUUNAUGCC CAUAAACA G ACCAUAAA 6350 UUUNAUGCC CAUAAACA G ACCAUAAA 6351 UCCUCAGU GGA AAACAGAA G ACCAGAAC 6353 GCUGUUCU AAACAGAA G ACAGCCG 6354 CGGCUGUU AAACAGAA G ACAGCCG 6354 CGGCUGUU AAACAACA G ACAGCCGG 6354 CGGCUGUU <td< td=""><td></td></td<> | |
| AUGCUGAG G AAAAACA 6338 | GUUUUUUC GGA |
| AAAAAACA G AUCACUGU 6339 ACAGUGAU GGA ACUGUACUG G GAUCUCCAN 6341 AUGGAGAUC GGA UCCAUCCAU 6342 ACCGGCGC GGA CCGGCGCC G GGAGAUCCC G GCGCGGCC GGA ACACACA 6343 UGUUUUAC GGA AACAAGA G AUCUCGC 6344 GAAUCCUC GGA AACAAGA G AUCUCGC 6346 GCAGAAUC GGA ACAAGGAG G AUCUCGC 6348 UUGAUGAU GGA ACAAGGAG G AUCAUCAA 6350 UUUAUGGC GGA ACAAGAGA G ACCAUAAA 6350 UUUAUGGC GGA AUCAUCAA G AGGCCAUA 6351 UCCUCAGU GGA AAACAGAA G ACCAUAAA 6352 UUCUCAGU GGA AAACAGAA G ACGAGAGC 6354 CGGCUGUU GGA AAACAGAA G AGGCCGU 6351 CCUGUUCU GGA AAACAGA G ACGAGAGC 6354 CGGCUGUU GGA AAACAACA G AGGACCGG 6355 CCACAACC GGA ACCAACCA G GGUUGUGGG 6356 CCACACAC GGA AGGCCUGA 6355 CCCACAACC GGA ACGACCU G GGA ACGCCU G GGA ACGACCU G GGA ACGCCU G GA ACGCCU G GGA ACGCCU G GA ACGCCU G GGA ACGCCU G GGA ACGCCU G GGA ACGCCU G GGA ACGCCU G GA ACGCCU G GGA ACGCCU G GGA ACGCCU G GA ACG | UGUUUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAGCAU |
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| CUGUACUG G AUCUCCAU 6341 AUGGAGAU GGA UCCAUCCC G GCGCGGU 6342 ACCGGCGC GGA UCCAUCCC G GCGCGGU 6343 UGUUUUAC GGA GAA UAAAACAA G GAGAUUCU 6344 GAAUCCUC GGA AAAACAAGA G AGGAUUCU 6346 GAGAGUCCU GGA AACAAGGA G AUCUCGAC 6347 GGCAGAAU GGA GGAGAGAU GGA GGA CUGCCACA G AUCAUCAA 6348 UUGAUGAU GGA GGA UCAUCAAGA G AGGCCAUA 6350 UUUAUGGC GGA AUCAAAGA G AGGCCAUAA 6351 UCAGUCUU GGA AAACAGAA G AGGCCAUAA 6351 UCUCCAGU GGA AAACAGAA G ACUGAGAA 6351 UCUCCAGU GGA AAACAGAA G ACUGAGAA 6351 UCUCCAGU GGA AAACAGAA G ACUGAGAA 6353 GCUGUUCU GGA AAACAACA G AGAACAGC 6353 GCCGUGUU GGA AAACAACA G AGGCCGG 6354 CGGCUGUU GGA AAACAACA G AGGCCGG 6355 CCACAACC GGACGGUGU AAGAGCGG 6355 CCACACACC GGA AGGCUGUU GAGCC | UGGAGAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC |
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| NAAACAA G GAGGAUUC 6344 GAAUCCUC GGA | UGUUUUAC GGA |
| AAAACAAG G AGGAUUCU 6345 AGAAUCCU GGA AACAAGGA G GAUUCUGC 6346 GCAGAAUC GGA ACCAGGAG G AUUCUGCC 6347 GGCAGAAU GGA CUGCCACA G AUCAUCAA 6348 UUGAUGAU GGA UCAUCAAGA G AGGCCAUA 6350 UUUAUGGC GGA AUCAAAGA G AGGCCAUAA 6351 UCAGUCUU GGA AAACAGAA G ACUGAGAA 6352 UUCUCAGU GGA AAACAGAA G ACUGAGAA 6353 GCUGUUCU GGA AAACAACA G AGAACAGC 6353 GCUGUUCU GGA AAACAACA G AACAGCCG 6354 CGGCUGUU GGA ACCAACCA G GGUUGUGG 6355 CCACAACC GGA ACCAACCA G GUUGUGG 6355 CCACAACC GGA AGGGUUGU G AGACAGC 6355 CCACAACC GGA ACCAACCA G GUUGUGG 6355 CCACACAC GGA AGGUUGUGG 6355 CCACACAC GGA AGGUUGU G AGACAGC 6355 CCACACAC GGA AGGUUGU G AGACAGC 6356 GCCACACAC GGA AGGUUGU G AGACAGC 6356 ACCACACUCU GGA | GAAUCCUC |
| AACAAGGA G GAUUCUGC 6346 GCAGAAUC GGA ACAAGGAG G AUUCUGCC 6347 GGCAGAAU GGA CUGCCCACA G AUCAUCAA 6348 UUGAUGAU GGA UCAUCAAGA G GCCAUAAA 6350 UUUAUGGCCU GGA AUCAACAGA G ACCAUAAA 6351 UCCAGUCUU GGA AAACAGAA G ACUGAGAA 6352 UUCUCAGU GGA AAACAGCA G ACAGACGC 6353 GCUGUUCU GGA AAGACUGA G AACAGCCG 6353 GCUGUUCU GGA AAGACUGA G AACAGCCG 6354 CGGCUGUU GGA ACCAACCA G GGUUGUGG 6355 CCACAACC CCAACCACG G GUUGUGG 6355 CCACAACC AGGGUUGU 6355 GCCACAACC AGGGUUGU 6355 GCCACAACC AGGGUUGU 6355 GCCACAACC AGGGUUGU 6355 ACCACACAC AGGGUUGU 6356 ACCACACAC AGGGUUGU 6357 UCAGCAGAC AGGGUUGU 6358 AGCCACACU AGGGUUGU 6358 AGCCACACU | AGAAUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG |
| ACAAGGAG G AUUCUGCC 6347 GGCAGAAU GGA CUGCCCACA G AUCAUCAA 6348 UUGAUGAU GGA UCAUCAAA G AGCCAUAAA 6350 UUUAUGGC GGA AUCAAAGA G ACCAUAAA 6351 UCCAGUCU GGA AAACAGAA G ACUGAGAA 6352 UUCUCAGU GA AAACAGAC 6353 GCUGUUCU GA AAGACUGA G AACAGCCG 6354 CGGCUGUU GA AAGACUGA G AACAGCCG 6354 CGGCUGUU GA ACCAACCA G GGUUGUGG 6355 CCACAACC GA ACGAACCA G GUUGUGG 6355 CCACAACC GA AGGGUUGU G GUUGUGG 6356 GCCACAACC GA AGGGUUGU G AGAGCUGG 6357 UCACACAC GA <t< td=""><td>GCAGAAUC GGA GCCGUUAGGC UCCCUUCAAGGA</td></t<> | GCAGAAUC GGA GCCGUUAGGC UCCCUUCAAGGA |
| CUGCCACA G AUCAUCAA 6348 UUGAUGAU GGA UCAUCAAA G AGGCCAUA 6349 UAUGGCCU GGA AUCAAAGA G GCAUAAA 6350 UUUAUGGC GGA CAUAAACA G AAGACUGA 6351 UCCUCAGU GA AAACAGAA G ACUGAGA G353 GCUGUUCU GGA AAAAACUGA G AGAACAGC G353 GCUGUUCU GGA AACAACCA G GGUUGUGG G354 CGGCUGUU GGA ACCAACCA G GGUUGUGG G355 CCACAACC GGA CCAACCAG G GUUGUGG G356 GCCACAACC GGA AGGGUUGU G AGAUGGGU G357 UCGCACAACC GGA AGGGUUGU G AGAUGGCU G358 AGCCACACC GGA AGGGUUGU G AGAUGGCU G358 AGCCACACC GGA | GGCAGAAU GGA GCCGUUAGGC |
| UCAUCAAA G AGGCCAUA | UUGAUGAU |
| AUCAAAGA G GCCAUAAA 6350 UUUAUGGC GGA CAUDAACA G AAGACUGA 6351 UCAGUCUU GGA AAACAGA G 6353 UUCUCAGU GGA AGACUGA G 6353 GCUGUUCU GGA AAGACUGA G AACAGCCG G 6354 CGGCUGUU GGA ACCAACCA G GGUUGUGG G 6355 CCACAACC GGA AGGGUUGU G G 6355 CCACAACC GGA AGGGUUGU G G 6355 UCAGCAAC GGA AGGGUUGU G G 6356 GCCACAAC GGA AGGGUUGU G G 6356 GCCACAAC GGA AGGGUUGU G G 6356 UCAGCAAC GGA AGGGUUGU G AGAUGGCU G 6358 AGCCAUCU GGA AGGGUUGU G AGAUGGCU G 6358 AGCCAUCU GGA AGAUGGCU G 6358 AGCCAUCU GGA AGCCAUCU GGA AGAUGGCU G 6358 AGCCAUCU G GGA AGAUGGCU G 6358 AGCCAUCU G GA AGAUGGCU G 6358 AGCCAUCU G G GA AGAUGGCU G 6358 AGCCAUCU | UAUGGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC |
| AAACAGAA G AAGACUGA G351 UCAGUCUU GGA AAACAGAA G352 UUCUCAGU GGA AGAACAGC G353 GCUGUUCU GGA AAGACUGA G AACAGCCG G354 CGGCUGUU GGA ACCAACCA G GGUUGUGG G355 CCACAACC GGA CCAACCAG G GUUGUGGC G356 GCCACAAC GGA AGGGUUGU G G356 GCCACAAC GGA AGGGUUGU G AGAUGUGGC G356 GCCACAAC GGA AGGGUUGU G AGAUGGCU G358 AGCCAUU GGA AGAUGGCU G AGAUGGCU G AGAUGGCU G AGAUGGCU G AGAUGGCU G AGAUGGCU G AGAUGACAAC GGA AGAUGGCU G AGAUGCAAC GGA AGAUGACAAC GGA AGAACAAC GGA AGAUGACAAC GGA AGAUGAAC GGA AGAUGACAAC GGA AGA AGAUGACAAC GGA AGA AGA AGA AGA AGA AGA AGA A | UNDADGGC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UCUUGAU |
| AAACAGAA G ACUGAGAA 6352 UUCUCAGU GGA AGAAGACU 6353 GCUGUUCU GGA AAGACUGA 6354 CGGCUGUU GGA ACCAACCA 6 GGUUGUGG 6355 CCACAACC CCAACCAG 6 GUUGUGG 6356 CCACAACC CCAACCAG GUUGUGGC 6356 GCCACAAC AGGGUUGU G GUUGUGGC 6357 UCAGCAAC UGGCUGCU AGAUGGCU 6358 AGCCAUCU AAGAUGGCU 6358 AGCCAUCU AAGAUGGCU 6358 AGCCAUCU | UCAGUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUUAUG |
| AGAAGACU G AGAACAGC 6353 GCUGUUCU GGA AAGACUGA G AACAGCCG 6354 CGGCUGUU GGA ACCAACCA G GGUUGUGG 6355 CCACAACC GGA CCAACCAG G GUUGUGGC 6356 GCCACAAC GGA AGGGUUGU G GCUGCUGA 6357 UCAGCAGC GGA UGGCUGCUGA 6358 AGCCAUCU GGA AGAUGGCU 6358 AGCCAUCU GGA | UNCUCAGU GGA GCCGUUAGGC |
| AAGACUGA G AACAGCCG 6354 CGGCUGUU GGA ACCAACCA G GGUUGUGG 6355 CCACAACC GGA CCAACCAG G GUUGUGGC 6356 GCCACAAC GGA AGGGUUGU G GUGCUGA 6357 UCAGCAGC GGA AGGCUGCU G AGAUGGCU 6358 AGCCAUCU GGA AGGCAUCU G | GCUGUUCU GGA |
| ACCAACCA G GGUGGGG 6355 CCACAACC GGA | CGGCUGUU GGA |
| AGGGUGU G GUGCUGA 6356 GCCACAAC GGA AGGGUGU G AGAUGGCU 6358 AGCCAUCU GGA GATIGATIGA G AUGGTIGA 6358 AGCCAUCU GGA GATIGATIGA G AUGGTIGA 6358 | CCACAACC GGA GCCGUUAGGC UCCCUUCAAGGA |
| AGGCUGU G AGAUGGCU 6358 AGCCAUCU GGA GATIGOTICA G AUGGCTICA 6358 AGCCAUCU GGA | GCCACAAC GGA |
| UGGCUGCU G AGAUGGCU 6358 AGCCAUCU GGA | UCAGCAGC |
| עטט וועטטטעטוו פאבא ופווייסטווע ט שטוויסטוועט | AGCCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG |
| SCOOLUGA G ADGGCUGA GSSS OCAGCCAO GGA | UCAGCCAU GGA GCCGUUAGGC |
| GCUGAGAU G GCUGAAGC 6360 GCUUCAGC GGA | GCUUCAGC |
| AGAUGGCU G AAGCACUG 6361 CAGUGCUU GGA | CAGUGCUU |
| 5319 GAAGCACU G AGAGGACU 6362 AGUCCUCU GGA | |

Table VII

24739	24740	24741	24742	24743	24744	24745	24746	24747	24748	24749	24750	24751	24752	24753	24754	24755	24756	24757	24758	24759	24760	24761	24762	24763	24764	24765	24766	24767	24768	24769	24770	24771	24772	24773	24774	24775	24776	24777
g ucaguacu	G UCUCAGUG	G CUCUCAGU	G GGAUGGGC	g UGGUACCG	G UGGGCACU	g ucuagaca	G AUUAUGUU	G CAUDAUGU	G AUUUCCAU	G UCAUUUCC	G AACAAUCU	в ививавив	G AGCCUGUG	G UGUGAGGA	G CUGUGAGG	G GGCACCCU	G ACGAACAG	G AUCACGAA	G CAUCACGA	G AUCCAUCA	G UCAUCCAU	G GGUGAAAU	G WGCWGCA	g ucuugcug	G UUUGUGGA	G GACCUUUG			G CCUAGCUC	G CCCUAGCU	G UCCCCUAG	ල අයගයයෙ	ල අපපෙපෙගුප	G AUGAAUAU	G UGGUGGGG	G UGAAGUGC	G UGGGAAUG	G GGAAAUUG
accountage uccaga	accenuage uccees	acceunagec ucceed	acceuvagec uccege	eccentrage occese	accennagec ucceed	accamage occese	acceuvage uccege	ecceuvagec uccege	ecceuvagec vecege	eccennagec uccege	accennage uccaga	acceuvagec vecage	accennagec uccege	accennage uccees	accennage occess	accennage uccees	accannagec uccege	GCCGUUAGGC UCCGGG	accennage uccees	accamagac uccaga	accennagec uccege	accennagec uccees	ecceunagec uccege	accennagec uccego	GCCGUUAGGC UCCGGG	acceunagge uccegg		- 1	accennagge uccege	accennagec uccees	accennagec uccege	accennage occess	accannagg uccege	accennagec uccege	accevivages ucceed	UAGGC UCCGGG	acceuvagec vecege	UAGGC UCCGGG
		1			1				1	1) - `	1	1						l i	1 1		1		1		1		- 1	1 1		1				,	AAGGA GCCGUUAGGC	1	AAGGA GCCGUUAGGC
accennage ucccuncaagga	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	GGC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	sec ucccuucaagga	sec ucccuucaagga	3GC UCCCUUCAAGGA	SGC UCCCUUCAAGGA	sec ucccuucaagga	sec ucccuucaagga		sec ucccuucaagga	1 1	3GC UCCCUUCAAGGA			- 1		3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA		SGC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA	3GC UCCCUUCAAGGA
GGA GCCGUUAC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	gaa gcceuuaggc	_ 7	GGA GCCGUUAGGC		GGA GCCGUUAGGC	GGA GCCGUUAGGC	1	- 1	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC		GGA GCCGUUAGGC	GGA GCCGUUAGGC	gga gccguuaggc	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC
GCAGUCCU (GGGCAGUC (UGGGCAGU (UCUGGUAC (GCGGAUGU (UAUGUUCU (AUDAUGUU (CUCAUUUC (UCUCAUUU	AACAAUCU (UCAACAAU (CAUGACAU (ACAUCAGC (GGAGACAU (UCGGCACC (UUCGGCAC (UUGUAGUU (UCAUCCAU (GCCUCAUC (AGCCUCAU (AUGAGCCU (AAAUGAGC (UGUAACCU (CCCUAGCU ()	AUUGCCGC (AAUAUUGC C	GUGGCUGU C	UGAAGUGC (AUUGGACU (CUGUAAGU
6363	6364	6365	6366	6367	6368	6369	6370	6371	6372	6373	6374	6375	6376	6377	6378	6379	6380	6381	6382	6383	6384	6385	6386	6387	6388	6389	6390	6391	6392	6393	6394	6395	9689	6397	6398	6388	6400	6401
AGCACUGA G AGGACUGC	G GACUGCCC	G ACUGCCCA	G GUACCAGA	CGGUACCA G ACAUCCGC	AGUGCCCA G AGAACAUA	UGCCCAGA G AACAUAAU	G GAAAUGAG	G AAAUGAGA	G AGAUUGUU	G AUUGUUGA	AGAUUGUU G AUGUCAUG	G GCUGAUGU	G AUGUCUCC	g geugeceaa	G GUGCCGAA	G AACUACAA	G AUGGAUGA	иссепсан с сансассс	исвиваив в аиваввси	G AGGCUCAU	g gcucauuu	G ACCCAGCU	G AGGUUACA	CAGCAAGA G GUUACAUU	G GUCGAGCU	CAAAGGUC G AGCUAGGG	8	gg	G GAGGCGGC	AGCUAGGG G AGGCGGCG	ල දෙදෙදෙදෙ	G GCGGCAAU	G GCAAUAUU	G ACAGCCAC	g gcacuuca	GCACUUCA G AUCCAUUC	CAUUCCCA G AGUCCAAU	G ACTUTACAG
AGCACUGA	CACUGAGA	ACUGAGAG	GCCCAUCC	CGGUACCA	AGUGCCCA	UGCCCAGA	AACAUAAU	ACAUAAUG	AUGGAAAU	GGAAAUGA	AGAUUGUU	CACCCACA G GCU	CACAGGCU G AUGI	UCCUCACA G GGU			cuevuceu	UUCGUGAU	UCGUGAUG				UGCAGCAA	CAGCAAGA	UCCACAAA G GUC	CAAAGGUC		CGAGCUAG	GAGCUAGG G	AGCUAGGG	CUAGGGGA G GCG	GGGGAGGC G		AUAUUCAU	CCCCACCA	GCACUUCA	CAUUCCCA	CAAUTUCC G ACU
5321	5323	5324	5336	5343	5360	2362	5371	5372	5377	5379	2386	5417	5421	5435	5436	5442	5460	5463	5464	5467	5469	5482	5504	2506	5523	5527	5533	5534	5535	5536	5538	5541	5544	5556	5572	5581	5593	5614

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5626	UACAGACU G AGAUCCCG	6403	CGGGAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCUGUA 247	24779
5628	CAGACUGA G AUCCCGGA	6404	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGUCUG	24780
5634	GAGAUCCC G GAUCGAGC	6405	UCCGGG GGGAUCUC	24781
5635	AGAUCCCG G AUCGAGCU	6406	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGAUCU	24782
5639	CCCGGAUC G AGCUUGGA	6407	GCCGUUAGGC UCCGGG GAUCCGGG	24783
5645	UCGAGCUU G GAACUCUG	6408	CAGAGGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUCGA 247	24784
5646	COAGCUUG G AACUCUGG	6409	CCAGAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUCG	24785
5653	GGAACUCU G GAUACGAA	6410	GCCGUDAGGC UCCGGG AGAGUUCC	24786
5654	GAACUCUG G AUACGAAU	6411	AUUCGUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAGUUC 247	24787
5659	CUGGAUAC G AAUGGAUC	6412	GAUCCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAUCCAG 247	24788
2663	AUACGAAU G GAUCACAG	6413	CUGUGAUC GGA GCCGUUAGGC UCCCVUCAAGGA GCCGUUAGGC UCCGGG AUUCGUAU 247	24789
5664	UACGAAUG G AUCACAGA	6414	UCUGUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUCGUA	24790
5671	GGAUCACA G AAUACACC	6415	GEUGUANU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGAUCC 247	24791
2680	AAUACACC G GGAAGACG	6416	CGUCTUCC GGA GCCGUIAGGC UCCCTUCAAGGA GCCGTUIAGGC UCCGGG GGUGUAUU 247	24792
5681	AUACACCO G GAAGACGG	6417	CCGUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGUGUAU 247	24793
5682	UACACCGG G AAGACGGU	6418	ACCEUCIU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGGUGUA	24794
5685	ACCEGGAA G ACGOUUG	6419	സാദേദ്യ	24795
5688	GGGAAGAC G GUUUGGUU	6420	GCGUUNGGC UCCGGG GUCUUCCC	24796
5693	GACGGUUU G GUUUGUGC	6421		24797
5712	AGUGUCAA G AUGGGGAA	6422	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGACACU	24798
5715	G GGGA	6433	UCCGGG AUCUUGAC	24799
2716	G GGAAI	6424	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCUUGA	24800
5717	CAAGAUGG G GAAUGAGA	6425	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUCUUG	24801
5718	AAGAUGGG G AAUGAGAU	6426	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAUCUU	24802
5722	UGGGGAAU G AGAUUGCC	6427	GGCAAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCCCCA 248	24803
5724	GGGAAUGA G AUUGCCCU	6428	AGGGCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUUCCC 248	24804
5749	AACGUGCU G GAAAGAAA	6429	accennage uccese agcaceur	24805
5750	G AAAG	6430	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCACGU	24806
5754	GCUGGAAA G AAAGUAGU	6431	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCCAGC	24807
5769	GUCCAAUU G AACAGAAA	6432	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUGGAC	24808
5774	AUUGAACA G AAAGUCGU	6433	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUCAAU	24809
5785	AGUCGUAC G AGACGGAG	6434	GUACGACU	24810
5787	UCGUACGA G ACGGAGUA	6435	UCGUACGA	24811
2790	GAGU	6436	GEGUACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUCGUA 248	24812
5791	ACGAGACG G AGUACCCA	6437	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUCUCGU	24813
5808	AAAUGUAA G AACGAUGA	6438	accentrage uccess turcatur	24814
5812	GUAAGAAC G AUGAUUGG	6439	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCUUAC	24815
5815	AGAACGAU G' AUUGGGAC	6440	GUCCCAAU GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG AUCGUUCU 248	24816
5819	CGAUGAUU G GGACUUUG	6441	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAUCG	24817
5820	GAUGAUUG G GACUUUGU	6442	ACAAAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCAUC	24818

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5821	AUGAUUGG G ACUUUGUU	6443	AACAAAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAUCAU 2481	24819
5839		6444	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGUGA	24820
5848	ACAUAUCU G AAAUGGGG	6445	CCCCAUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUAUGU 2482	24821
5853		6446	UNAGCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUUCAGA 2482	24822
5854	CUGAAAUG G GGCCUAAC	6447	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUUCAG	24823
5855	UGAAAUGG G GGCUAACU	6448	AGUDAGCC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CCAUUUCA 2482	24824
2826		6449	AAGUUAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG CCCAUUUC 2482	24825
5868	ט	6450	CUGCUCGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG UUGAAGUU 2482	24826
5871	G AGC	6451		24827
5876	Ö	6452	CAAUCACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUCGCC 2482	24828
5877	g gua	6453	UCAAUCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUCGC 2482	24829
5880	AGCAGGGU G AUUGACAG	6454	CUGUCAAU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCUGCU 2483	24830
5884	ğ	6455	CCGGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCACCC 2483	24831
5891	UGACAGCC G GAAGAGUG	6456	CACUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGUCA 2483	24832
5892	GACAGCCO G AAGAGUGU	6457	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCUGUC	24833
5895	G AGU	6458		24834
2901	G AAA	6459	UCCGGG ACACUCUU	24835
5920		6460	UCCGGG UGUUAUGA	24836
5923	UAACAGAA G GAGAAGGG	6461	ucccuucaagga gccgunaggc uccggg uucuguna	24837
5924	AACAGAAG G AGAAGGGA	6462	accennages ucconspaga accennages uccege cuucugu	24838
5926	G AAG	6463	UCUCCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCUG 2483	24839
5929	G GGA	6464	CACUCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUCCUU 2484	24840
5930	G GAG	6465	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUCCU	24841
5931	GGAGAAGG G AGAGUGAU	6466	ccnncncc	24842
5933	AGAAGGGA G AGUGAUCC	6467	ນວວວນາວວ	24843
5937	GGGAGAGU G AUCCUGGG	6468	CCCAGGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUCCC 2484	24844
5943	G GGA	6469	UCCGGG AGGAUCAC	24845
5944	G GAG	6470	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGAUCA	24846
5945	G AGA	6471	UCCGGG CCAGGAUC	24847
5947		6472	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAGGA	24848
5961	UCUGCAGU G ACAGCAGC	6473	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGCAGA	24849
5982	GCCGCCCA G AGACGUGG	6474	CCACGUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCGGC 2485	24850
5984		6475	GUCCACGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGGCG 2485	24851
5989	G GAC	6476	GAUACGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUCUCU 2485	24852
5990	Ö	6477	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGUCUC	24853
5998	G GUA	6478	AUUUCUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUACGUC 2485	24854
6002		6419	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACCGAUA	24855
6019	сеславии в висливав	6480	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUUGCG	24856
6022		6481	GUACUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAACUU 2485	24857
6025	UUGGUGAU G AGUACUGU	6482	ACAGUACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACCAA 2485	24858

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6037		6483	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAACAGU	24859
6038	G GGGG	6484	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUAACAG	24860
6039	UGUTAUGG G GGGCACAC	6485	GCCGUUAGGC UCCGGG CCAUAACA	24861
6040	GUDAUGGG G GGCACACG	6486		24862
6041	UVAVGGGG G GCACACGA	6487	UCGUGUGO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCAUAA 248	24863
6048	GGGCACAC G AAUGAAGA	6488	UCUUCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGUGCCC 248	24864
6052	ACACGAAU G AAGACGAC	6489	GUCGUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCGUGU 248	24865
6055		6490	GCCGUUAGGC UCCGGG UUCAUUCG	24866
6058	AUGAAGAC G ACUCGAAC	6491	GUUCGAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUUCAU 248	24867
6909	GACGACUC G AACUUCGC	6492	GCGAAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUCGUC 248	24868
6077	CGCCCAUU G GACUGAGG	6493	CCUCAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGGGCG 248	24869
6078	GCCCAUUG G ACUGAGGC	6494	UCCGGG CAAUGGGC	24870
6082	AUUGGACU G AGGCACGA	6495	UCGUGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCCAAU 248	24871
6084	UGGACUGA G GCACGAAU	6496	AUUCGUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGUCCA 248	24872
6809	UGAGGCAC G AAUCAUGC	6497	vccege eveccuca	24873
6609	AUCAUGCU G GACAACAU	6498	AUGUUGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUGAU 248	24874
6100	UCAUGCUG G ACAACAUC	6499	GAUGUUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCAUGA 248	24875
6121	UGCCAAAC G GACUGAUC	6500	GAUCAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGGCA 248	24876
6122	GCCAAACG G ACUGAUCG	6501		24877
6126	AACGGACU G AUCGCUCA	6502	GCCGUUAGGC UCCGGG AGUCCGUU	24878
6148	ACCAACCA G AGCGUGAG	6203	uccese useruseu	24879
6154	CAGAGCGU G AGAAGGUA	6504	UACCUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCUCUG	24880
6156	G AAGG	6505	UAUACCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCACGCUC 248	24881
6159	CGUGAGAA G GUAUAUAC	9059	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUCACG	24882
6171	UAUACCAU G GAUGGGGA	6507	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGUAUA	24883
6172	AUACCAUG G AUGGGGAA	6208	UUCCCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGGUAU 248	24884
6175	CCAUGGAU G GGGAAUAC	6203	исссииславал вссвинавас иссево лиссливо	24885
6176		6510	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCAUG	24886
6177	AUGGAUGG G GAAUACCG	6511	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUCCAU	24887
6178	UGGAUGGG G AAUACCGG	6512	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAUCCA	24888
6185	GGAAUACC G GCUCAGAG	6513	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUAUUCC	24889
6191	G AGGA	6514	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGCCGG	24890
6193	GGCUCAGA G GAGAAGAG	6515	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGAGCC	24891
6194	GCUCAGAG G AGAAGAGA	6516	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUGAGC	24892
6196	UCAGAGGA G AAGAGAGA	6517	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCUGA	24893
6199	GAGGAGAA G AGAGAAAA	6518	ນນວນວວນວ	24894
6201	G AGAA	6219	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCUCC	24895
6203		6520	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCUUCU	24896
6216	G GAACT	6521	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAAGUU	24897
6217	ACUUUCUG G AACUGUUG	6522	CAACAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAAAGU 248	24898

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24899	24900	2490I	24902	24903	24904	24905	24906	24907	24908	24909	24910	24911	24912	24913	24914	24915	24916	24917	24918	24919	24920	24921	24922	24923	24924	24925	24926	24927	24928	24929	24930	24931	24932	24933	24934	24935	24936	24937	24938
GCCGUUAGGC UCCGGG AACAGUUC	GCCGUUAGGC UCCGGG UCAACAGU	CAAGGA GCCGUUAGGC UCCGGG CUCAACAG	CAAGGA GCCGUUAGGC UCCGGG UGCAGUCC	CAAGGA GCCGUUAGGC UCCGGG AAACUGGC	CAAGGA GCCGUUAGGC UCCGGG AGCCAAAC	CAAGGA GCCGUDAGGC UCCGGG UUGUAAGC	CAAGGA GCCGUUAGGC UCCGGG GCUGCAAC	CAAGGA GCCGUUAGGC UCCGGG AGCCGCUG	CAAGGA GCCGUDAGGC UCCGGG CAGCCGCU	CAAGGA GCCGUUAGGC UCCGGG GUGGUAUG	CAAGGA GCCGUUAGGC UCCGGG GGUCGUGG	CAAGGA GCCGUUAGGC UCCGGG CGGUCGUG	GCCGUUAGGC UCCGGG UCCGGUCG	GCCGUUAGGC UCCGGG ACCUCCGG	CAAGGA GCCGUUAGGC UCCGGG AAAGCACC	CAAGGA GCCGUUAGGC UCCGGG AUCAAAGC	CAAGGA GCCGUUAGGC UCCGGG UAGGACCA	CAAGGA GCCGUUAGGC UCCGGG CUAGGACC	CAAGGA GCCGUUAGGC UCCGGG UAAAAUUG	CAAGGA GCCGUUAGGC UCCGGG UUCUAAAA	CAAGGA GCCGUUAGGC UCCGGG GUUGUUGU	CAAGGA GCCGUDAGGC UCCGGG ACUUCGUU	GCCGUUAGGC	GCCGUUAGGC UCCGGG	CAAGGA GCCGUDAGGC UCCGGG AAGCUUCG	accennage uccage	GCCGUUAGGC	CAAGGA GCCGUUAGGC UCCGGG CUUUCACC	. вссвиилевс иссеве	accennage uccees	CAAGGA GCCGUUAGGC UCCGGG UCAGAAUC	acceuvagec uccege	CAAGGA GCCGUUAGGC UCCGGG CAGCGCGG	GCCGUUAGGC UCCGGG AAUCCAGC	GCCGUUAGGC UCCGGG UGGCGUCA	CAAGGA GCCGUUAGGC UCCGGG CUGGCGUC	GCCGUUAGGC	GCCGUUAGGC UCCGGG	салава вссеплавас иссева ивеиваис
GCAGUCCU GGA GCCGUUAGGC UCCCUUCAAGGA	GGA GCCGUUAGGC	ncuecagu gea <u>eccenuage</u> c ucccuucaagea	UGGCAGAU GGA GCCGUUAGGC UCCCUUCAAGGA	AAGCCAGC GGA GCCGUUAGGC UCCCUUCAAGGA	UUGUAAGC GGA GCCGUUAGGC UCCCUUCAAGGA	GGA GCCGUUAGGC	ACUCCAGO GGA GCCGUUAGGO UCCCUUCAAGGA	UGACACUC GGA GCCGUUAGGC UCCCUUCAAGGA	AUGACACU GGA GCCGUUAGGC UCCCUUCAAGGA	CCUCCGGU GGA GCCGUUAGGC UCCCUUCAAGGA	ACCACCUC GGA GCCGUUAGGC UCCCUUCAAGGA	CACCACCU GGA GCCGUUAGGC UCCCUUCAAGGA	AGCACCAC GGA GCGGUDAGGC VCCCUUCAAGGA	REPARTICIO GEOGRAPIO DE L'ALPRE DE L'ALPRE PER PER PER PER PER PER PER PER PER	AGGACCAU GGA GCCGUUAGGC UCCCUUCAAGGA	CCUAGGAC GGA GCCGUUAGGC UCCCUUCAAGGA	ngunnanc gas <u>accannsaga</u> noccancasaga	GUGUUUGU GGA GCCGUUAGGC UCCCUUCAAGGA	guigucuu gga gccguuaggc ucccuucaagga	ADDAMOU GOOGUDAGO UCCCUUCAAGGA	ADCACUU GGA GCCGUIAGGC UCCCUUCAAGGA	AUGACUUC GGA GCGUUNAGGC UCCCUUCAAGGA	GGA GCCGUUAGGC	GGA GCCGUUAGGC	ccuucac gaa accounagec ucccuucaagea	concenno des <u>eccennsese</u> nocennesses	GGA GCCGUUAGGC	GGA	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA	1	GCGUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA	coneecen ees eccenneece nocennosses	AGUACACC GGA GCCGUUAGGC UCCCUUCAAGGA	GAGUACAC GGA GCCGUUAGGC UCCCUUCAAGGA	UGGUGAUC GGA GCCGUUAGGC UCCCUUCAAGGA	GGA GCCGUUAGGC	UNDAGUGC GGA GCCGUDAGGC UCCCUUCAAGGA
6523	6524	6525	6526	6527	6528	6229	6530	6531	6532	6533	6534	6535	6536	6537	6538	6239	6540	6541	6542	6543	6544	6545	6546	6547	6548	6549	6550	6551	6552	6553	6554	6555	6556	6557	6558	6229	6560	6561	6562
GAACUGUU G AGGACUGC	ACUGUUGA G GACUGCAG	CUGUUGAG G ACUGCAGA			O		GUUGCAGC G GCUGGAGU	CAGCGGCU G GAGUGUCA	AGCGCCUG G AGUGUCAU	9 AC	g GA	G AG	g GU		O AU	ര വ	UGGUCCUA G GACAARCA	GGUCCUAG G ACAAACAC	CAAUUUUA G AAGACAAC		O			GUCAUCAC G AAGCUUGG	CGAAGCUU G GUGAAAGG	O		B Z	G AU	AAGAUUCU G AGGCCGCG	ပ္ပ ဗ	вссвсеси в выплаясь	ccacacua a aungacac	GCUGGAÜU G ACGCCAGG	UGACGCCA G GGUGUACU	GACGCCAG G GUGUACUC		O	GAUCACCA G GCACUAAA
6225	6227	6228	6235	6248	6252	6261	6270	6274	6275	6289	6293	6294	6296	6233	6307	6310	6317	6318	6334	6337	6346	6351	6352	6363	6370	6373	6377	6378	6381	6387	6389	6398	6399	6403	6410	6411	6420	6421	6429

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6438	GCACUAAA G GCGUUCAA	6563	UNGAACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUAGUGC	24939
6447	G G	6564	GCGAAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAACGC	24940
6448		6565	GOCGAAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGAACG	24941
6459	S G	9959	CGUTUUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGGCGAA	24942
6460	•	6567	ACGUULUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAGGCGA	24943
6461	1 1	6568	AACGUUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGAGGCG	24944
6474	CONCIOS O VIVOGOCO	6269	AGCCCUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGAACG	24945
6478		6570	AAUGAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUCUGAG	24946
6419		6571	CAAUGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAUCUGA	24947
6487	GGCUCAUU G AGGUUCUG	6572	CAGAACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAGCC	24948
6489	CUCAUUGA G GUUCUGGG	6573	CCCAGAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAUGAG	24949
6495	амадииси в ваммами	6574	AUCUTUCC GGA GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC UCCGGG AGAACCUC	24950
6496	AGGUUCUG G GAAAGAUG	6575	CAUCUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAACCU	24951
6497	GOUNCUGO O AAAGAUGC	6576	GCAUCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGAACC	24952
1059	CUGGGAAA G AUGCCUGA	6577	UCAGGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCCCAG	24953
6508	1	6578	GAAGUGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCAUCU	24954
6239	CACUUCAU O GGGAAGAC	6239	GUCUUCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAAGUG	24955
6520	ACUUCAUG G GGAAGACA	6580	UGUCTUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGAAGU	24956
6521	CUUCAUGG G GAAGACAU	6581	AUGUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUGAAG	24957
6522	UUCAUGGG G AAGACAUG	6582	CAUGUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAUGAA	24958
6525		6583	UCCCAUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCCAU	24959
6530		6584	GGA	24960
6531		6585	AGUGCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGUCUU	24961
6532	AGACAUGG G AAGCACUU	6586	gga gccgunaggc	24962
6541	AAGCACUU G ACACCAUG	6587	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24963
6558	UACGUUGU G GCCACUGC	6588	GCAGUGGC GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG ACAACGUA	24964
6568		6289	UCCUTUICU GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGCAGUGG	24965
6570	- I	6590	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24966
6574	CAGAGAAA G GAGGAAGA	6591	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24967
6575	AGAGAAAG G AGGAAGAG	6592	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24968
6577	AGAAAGGA G GAAGAGCU	6593	GCCGUUAGGC	24969
6578		6594	GAGCUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUUUC	24970
6581	. 1	6595	UGUGAGCU GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG DUCCUCCU	24971
6590		9659	GGGCCAUT GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGAGCU	24972
6594		6597	GGA	24973
0099		6598	AGUUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGCCAU	24974
6601	UGGCCCUG G AGGAACUG	6233	CAGUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGGCCA	24975
6603		0099	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24976
6604		1099	UGGCAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCAGGG	24977
6613	AACUGCCA G AUGCUCUU	6602	AAGAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCAGUU	24978

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	24979	24980	24981	24982	24983	24984	24985	24986	24987	24988	24989	24990	24991	24992	24993	24994	24995	24996	24997	24998	24999	25000	25001	25002	25003	25004	25005	25006	25007	25008	25009	25010	25011	25012	25013	25014	25015	25016	25017	25018
Table VII	eccennagec uccouncaagaa eccennagec uccege ugaagagc		GC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUAAGGC	UCCCUUCAAGGA	GC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACACU		SC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGGUCA	UCCCUUCAAGGA	SC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGCAUG	UCCCUUCAAGGA	SC UCCCUICAAGGA GCCGUUAGGC UCCGGG UUCCGCUG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	3C UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGCCCU	UCCCUUCAAGGA	3C UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCCAAU	UCCCUUCAAGGA	3C UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACCUAU	3C UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACCUA	3C UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAACCU	UCCCUUCAAGGA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	SC UCCCUICAAGGA GCCGUUAGGC UCCGGG CAAGACAG	SC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAGACA		SC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAGAAA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACAGAA	SC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAACA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	UCCCUUCAAGGA	UCCCUUCAAGGA GCCGUUAGGC	UCCCUUCAAGGA	GCCGUUAGGC UCCGGG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	3C UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCGAUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAGAAG		SC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAAUUA	SC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCUCAG	SC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGCUC	UNGUCUGU GEA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGAACG
	GCAAUUGU GGA	AAGGCAAU GGA	AUCACACU GGA	AUGGUCAU GGA GCCGUUAGGC	CCCAUGGU GGA	AAUACUCC GGA	GAAUACUC GGA	AGAAUACU GGA	UGCCCUUC	AUGCCCUU GGA	CCAAUGCC GGA	UCCAAUGC GGA	UAUCUUUC	GGA	AAACCUAU	UCCCAAAC	GCGCCUCC GGA GCCGUUAGGC	AGCGCCUC GGA GCCGUUAGGC	CAGCGCCU GGA GCCGUUAGGC		GCGACUCC GGA GCCGUUAGGC	CGCGACUC GGA GCCGUUAGGC	GGA	GGA	GGA	GGA	GGA	89	89	gg g	3	GGA	8	GGA	GGA	gg FB	CUCUGGCU GGA GCCGUUAGGC	UUGCUUCU GGA GCCGUUAGGC	CGUUGCUU GGA GCCGUUAGGC	UNGUCUGU GGA GCCGUUAGGC
	6603	6604	6605	9099	6607	6608	6099	6610	6611	6612	6613	6614	6615	9199	6617	6618	6619	6620	6621	6622	6623	6624	6625	6626	6627	6628	6629	6630	6631	6632	6633	6634	6635	6636	6637	6638	6639	6640	6641	6642
	GCUCUUCA G ACAAUUGC	G AUU		UUGAGUGU G AUGACCAU		AUGACCAU G GGAGUAUU	UGACCAUG G GAGUAUUC	GACCAUGG G AGUAUUCU	CAUGCAGC G GAAGGGCA	G AAG	ල ලලට	AGCGGAAG G GCAUUGGA		o		GAAAGAUA G GUUUGGGA	G GGA	G GAG	G AGG	ම ශයය	G GGA	G GAG	G AGU	GGAGUCGC G ACCUUUUU	UNUCUGUU G GAUGGCUG			- 1		AGOOCCAG G AACGAAGA		S AUCE				CUCUUGAU G AUUGUGCU	UNAUUCCU G AGCCAGAG			CGUUCGCA G ACAGACAA
	6624	6636	6648	6654	6657	6663	6664	6665	6689	9699	6693	6694	6700	6701	6705	6209	6714	6715	6716	6718	6729	6730	6731	6738	6752	6753	6756	6760	0/07	6779	6222		6784	0/82	6810	6813	6829	6835	6837	6852

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6856	CGCAGACA G ACAACCAG	6643	CUGGUUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCUGCG	25019
6879	G AU	6644	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25020
6891	UGUGUCAU G ACCCUUGU	6645	ACAAGGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGACACA	25021
0069	ACCCUUGU G AGCGCAGU	6646	ACUGOGOU GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG ACAAGGGU	25022
6069	AGCGCAGU G GCAGCCAA	6647	UVGGCUGC GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGCGCU	25023
6919	CAGCCAAC G AGAUGGGU	6648	ACCCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGGCUG	25024
6921	GCCAACGA G AUGGGUUG	6649	CAACCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGUUGGC	25025
6924	AACGAGAU G GGUUGGCU	6650	AGCCAACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUCGUU	25026
6925	ACGAGAUG G GUUGGCUA	6651	UAGCCAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCUCGU	25027
6929	GAUGGGUU G GCUAGAUA	6652	UAUCUAGO GGA GCCGUDAGGO UCCCUUCAAGGA GCCGUDAGGO UCCGGG AACCCAUC	25028
6934	GUUGGCUA G AUAAGACC	6653	GGUCUUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGCCAAC	25029
6839	CUAGAUAA G ACCAAGAG	6654	CUCUUGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAUCUAG	25030
6945		6655	AUGUCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGUCUU	25031
6949	CCAAGAGU G ACAUAAGC	9599	GCUUAUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUUGG	25032
6967	GUUUGUUU G GGCAAAGA	6657	UCUTUGCC GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG AAACAAAC	25033
6969	UNUGUIUG G GCAAAGAA	8599	UUCUUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACAAA	25034
6974	UGGGCAAA G AAUUGAGG	699	CCUCAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGCCCA	25035
6269	AAAGAAUU G AGGUCAAG	0999	CUUGACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCUUU	25036
6981	AGAAUUGA G GUCAAGGA	1999	UCCUUGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAUUCU	25037
6987	GAGGUCAA G GAGAAUUU	6662	AAAUUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGACCUC	25038
8869	AGGUCAAG G AGAAUUUC	6999	GARAUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGACCU	25039
0669	G AA	6664	UCCCUUCAAGGA GCCGUUAGGC	25040
7002	G GG1	5999		25041
7003		9999	ANACUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGCUGA	25042
7004	CAGCAUGG G AGAGUUUC	6667	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25043
2006	GCAUGGGA G AGUUUCUU	8999	AAGAAACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAUGC	25044
7017	илисилии в выстивые	6999	CUCAAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAGAAA	25045
7018	UNCUUTUO G ACUUGAGG	0299	CCUCAAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAAGAA	25046
7023		1199	GCCGGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGUCCAA	25047
7025	GGACTUGA G GCCGGCAA	6672	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25048
7029	UUGAGGCC G GCAACAGC	6673	accenuagec uccage	25049
7040	AACAGCCU G GUCACUGU	6674	ACAGUGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCUGUU	25050
7056	UACGCUGU G ACAACAGC	6675	GCUGUUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAGCGUA	25051
7065	ACAACAGC G GUCCUCAC	9299	GUGAGGAC GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG GCUGUUGU	25052
7092	AAGCAUUU G AUCACGUC	2299	GACGUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUGCUU	25053
7102		6678	GCCGUUAGGC UCCGGG	25054
7122	ACCUCAUU G ACCUCAAU	6299	AUUGAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAGGU	25055
7140	AACGUUCA G GCAAGUGC	6680	GCACUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAACGUU	25056
7166	ACUCGCGC G AGGCUUCC	6681	GGA GCCGUUAGGC UCCCUUCAAGGA	25057
7168	UCGCGCGA G GCUUCCCC	6682	GGGGAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGCGCGA	25058

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7189	G GAG	6684	GGA GCCGUVAGGC UCCCUCAAGGA GCCGUVAGGC UCCGGG AACAUCGA	25060
7190	CGAUGUUG G AGUGUCGG	6685	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACAUCG	25061
7197		9899	AGGAGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACACUCC 25	25062
7216	G GAU	6687	GGCUGCUA	25063
7217	O	8899	CCCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCUGCU 25	25064
7223		6689	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCCG	25065
7224	GGAUGCUG G GGACAAGU	0699	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCAUCC	25066
7225	GAUGCUGG G GACAAGUC	1699	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGCAUC	25067
7226	G ACA	6692	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAGCAU	25068
7248	G GUA	6693	GCUGUUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAACGGU 25	25069
7257	GURACAGO G GCARCACU	6694	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGUUAC	25070
7290	GCCUACAU G GUUCCCGG	9699	CCGGGAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUAGGC 25	25071
7297	UGGUUCCC & GUUGGCAA	9699	UUGCCAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGAACCA. 25	25072
7301		2699	CAGCUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCGGGA 25	25073
7309	GGCAAGCU G AGGCAAUG	8699	CAUDISCEU GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AGCUUGCC 25	25074
7311		6699	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGCUUG	25075
7331		6700	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGGGCU	25076
7334	CCAGCGGC G GACAGCGG	6701	CCGCUGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGCUGG	25077
7335		6702	GCCGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCGCUG	25078
7341	ပ္သည္ဟာ ၅	6703	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGUCCG	25079
7345		6704	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCGCUG	25080
7346	AGCGGCCG G AAUCAUGA	6705	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCCGCU	25081
7353	G AAG	9029	GCGUUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUUCC 25	25082
7356		6707	GCCGUUAGGC UCCGGG UUCAUGAU	25083
7368	G GAU	6708	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUACAGC	25084
7369		6209	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CACUACAG	25085
7372	UAGUGGAU G GCAUCGUG	6710	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCACUA	25086
7380	GGCAUCGU G GCCACGGA	6711	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGAUGCC	25087
7386	G GACC	6712	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGCCAC	25088
7387		6713	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGGCCA	25089
7396		6714	GCCGUUAGGC UCCGGG UGGGACGU	25090
7402		6715	GCCGUUAGGC UCCGGG UAAUUCUG	25091
7425		9119	ACUUUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAUGAU 25	25092
7428	•	6717	CCAACUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUGCAU 25	25093
7435		6718	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUUUCU	25094
7436		6119	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUUUC	25095
7440		6720	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCCAAC	25096
7449	G AUCL	6721	ACCAAGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUGAU 25	25097
7455	ייירייוייום בי דוייווענוערייי	6773	CACATACA COCATACACA COCATACACA COCATACACA COCATACACACACACACACACACACACACACACACACACA	00010

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7479	GUAGUAGU G AACCCGUC	6723	GACGGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUACITAC 25	25099
-4		6724	UCCGGG ACAGACGG	25100
-+		6725	GCCGUUAGGC UCCGGG UUCACAGA	25101
-		6726	CGGCTUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUACUGUC 25	25102
-	CAGUACGA G AAGCCGGA	6727	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGUACUG	25103
-+	GAGAAGCC G GAAUUUUG	6728	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUUCUC	25104
7511		6729	GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG CGGCUUCU	25105
7518	0	6730	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAUUCC	25106
7524	ין ט	6731	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUCAA	25107
/533	G GUG	6732	GGA GCCGUIJAGGC UCCCUUCAAGGA GCCGUIJAGGC UCCGGG GCUGCGGC	25108
7536	ין ט	6733	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCGCUGC	25109
7544		6734	CAUDCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGCGUC 25	25110
7545	ACGCUUUG G GAGAAUGG	6735	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGCGU	25111
7546	CGCUTUGG G AGAAUGGA	6736	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAAGCG	25112
7548	G AAU	6737	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAAAG	25113
7552	G GAG	6738	GCUUGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUCCC	25114
7553	GGAGAAUG G AGCAAGCU	6739	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUCUCC	25115
.7568	CUCUGUUU G GAACGCAA	6740	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACAGAG	25116
7569	UCUGUUUG G AACGCAAC	6741	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACAGA	25117
7588		6742	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGGCAG	25118
7589	- 1	6743	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAUGGCA	25119
7609	ව යයය	6744	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCAUGA	25120
7610		6745	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGCAUG	25121
+	AUGCGUGG G GGUUGGUU	6746	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACGCAU	25122
7612	uscenasa a cunasuma	6747	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCACGCA	25123
+	9 6000	6748	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCCCCA	25124
7,040		6749	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUUAUG	25125
+	AUAACAUG G ACACUCAU	6750	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGUUAU	25126
2550	- 1	6/51	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUAUGAG	25127
+	AMERICAL G GARAGEC	6752	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUUCUU	25128
7000	S AAA	6753	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGUUCU	25129
7669		6754	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUUUU	25130
0/9/	G ACUP	6755	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGUUUU	25131
+	- 1	6756	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUUAGU	25132
1897		6757	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUUUA	25133
4007	AAAGAGGU G GGGCAAAA	6758	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCUCUUU	25134
4	AAGAGGUG G GGCAAAAG	6759	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCUCUU	25135
+		6760	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACCUCU	25136
4	GGGCAAAA G GACGCACC	6761	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUGCCC	25137
ᅬ	GGCAAAAG G ACGCACCU	6762	AGGUGCEU GEA GCCEUVAGGE UCCCUUCAAGGA GCCGUVAGGE UCCGGG CUUTUGCC 251	25138

7704	CGCACCUU G GGAGAGGU	6763	ACCUCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGUGCG	25139
7705	GCACCUUG G GAGAGGUU	6764	ucccuucaagaa gccguuaggc uccggg	25140
2706		6765	AAACCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAGGUG	25141
7708		99/9	CCAAACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAAGG	25142
7710	UUGGGAGA G GUUUGGAA	6767	UUCCAAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCCCAA	25143
7715	<i>1</i> 5	6768	UNICUTUC GGA GCCGUIAGGC UCCCTUCAAGGA GCCGUIAAGGC UCCGGG AAACCUCU	25144
7716		6269	CUUVCUUV GGA GCCGUIAAGGC UCCCUUCAAGGA GCCGUIAAGGC UCCGGG CAAACCUC	25145
7720	ď	6770	L 1	25146
7724	S S	6771	GGUUGAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCUUUC	25147
7734		6772	UNGUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUGAG	25148
7737		6773	GGA	25149
7744		6774	GAACUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUGUCA	25150
7747	CAAAAGAA G AGUUCACU	6775		25151
7757		6776	UGCGGUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGUGAAC	25152
7768	G AG	6777	GAUGGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGCGGU	25153
7770		6778	AUGAUGGC GGA GCCGUIAGGC UCCCUICAAGGA GCCGUIAAGGC UCCGGG UCUVUGCG	25154
7780		6279	l. I	25155
7786	UCGAAGUC G AUCGCUCA	6780	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25156
7797	ე ე	6781	UGUUUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGAGCG	25157
7811		6782	CUUCUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCGUGU	25158
7812		6783	CCUUCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGCGUG	25159
7816		6784	AUJGCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGO UUUCCUGO	25160
7819	GGAAAGAA G GCAAUGUC	6785	GACAUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUUUCC	25161
7831	AUGUCACU G GAGGGCAU	6786	AUGCCCUC GGA GCCGUIAGGC UCCCUICAAGGA GCCGUIAAGGC UCCGGG AGUGACAU	25162
7832	UGUCACUG G AGGGCAUC	6787	GAUGCCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUGACA	25163
7834		6788	UGGAUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAGUGA	25164
7835		6489	CUGGAUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCAGUG	25165
7850	AGUCUCUA G GGGCACAG	6790	GGA GCCGUUAGGC	25166
7851	GUCUCUAG G GGCACAGC	6791	GGA GCCGUUAGGC	25167
7852	UCUCUAGG G GCACAGCA	6792	GGA GCCGUUAGGC	25168
7866		6793	GGA GCCGUUAGGC	25169
7868		6794	GGA	25170
7871	8	6795	CGACCAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AUCUCAGU	25171
7875		6796	CGUUCGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCAUCU	25172
7879	GGCUGGUC G AACGGAGG	6797	GGA	25173
7883	GGUCGAAC G GAGGUUUC	6798	GAAACCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCGACC	25174
7884	GUCGAACG G AGGUUUCU	6229	AGAAACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUUCGAC	25175
7886	CGAACGGA G GUUUCUCG	6800	CARGARAC GGA GCCGUVAGGC UCCCUVCAAGGA GCCGUVAGGC UCCGGG UCCGUVCG	25176
7894	G A	6801	GACCGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGAAACC	25177
7899	CUCGAACC G GUCGGAAA	6802	UUUCCGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUUCGAG	25178

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7903	AACCGGUC G GAAAAGUG	6803	CACUUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACCGGUU 25179	25179
7904	G AA	6804	f	25180
7911		6805	AGGUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUUUCC 25181	25181
7915	G AC	9089	UCCAAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCACUU 25182	25182
7921	UUGACCUU G GAUGUGGA	6807	GGA GCCGUUAGGC	25183
7922	UGACCUUG G AUGUGGAA	6808	GGA	25184
7927	UUGGAUGU G GAAGAGGC	6809	GCCUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCCAA 25185	25185
7928	UGGAUGUG G AAGAGGCG	6810		25186
7931	G AG	6811	GGA	25187
7933	ပ် ပ	6812	CCAACCGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCCAC 25188	25188
7936		6813	ACACCAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCUCUUC 25189	25189
7940	AGGCGGUU G GUGUUACU	6814	AGUAACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGGUUAGGC UCCGGG AACCGCCU 25190	25190
7953	UACUAUAU G GCAACCCA	6815	UGGGUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAUAGUA 25191	25191
1967	CCAAAAA G AGUCCAAG	6816	CUUGGACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUUGG 25192	25192
7975	G AAC	6817	UCUGACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGACUC 25193	25193
7982	G AG	6818	UGUACCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACUUCU 25194	25194
7984		6819	UGUGUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGACUU	25195
7985	AGUCAGAG G GUACACAA	6820	UUGUGUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUGACU 25196	25196
7995	UACACAAA G GGCGGUCC	6821	GGACCGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGUGUA	25197
7996	9 900	6822	GGGACCGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUGUGU 25198	25198
7999	G GUC	6823	UCCGGGARC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCUUUG 25199	25199
8005	GCGGUCCC G GACAUGAA	6824	GGA GCCGUUAGGC	25200
9008		6825		25201
8011	CCGGACAU G AAGAGCCC	6826	GGGCUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUCCGG 25202	25202
8014	GACAUGAA G AGCCCCAA	6827	GGA GCCGUUAGGC	25203
8038	AAAGUUAU G GAUGGAAC	6828		25204
8039	G AUG	6829	UGUUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUPACUU 25205	25205
8042	UUAUGGAU G GAACAUUG	6830	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25206
8043	UAUGGAUG G AACAUUGU	6831	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25207
8058	GUCACCAU G AAGAGUGG	6832	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25208
8061	ACCAUGAA G AGUGGAGU	6833	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAUGGU	25209
8065	G GAC	6834	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25210
8066	G AGI	6835	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25211
8070		6836	GGA GCCGUUAGGC	25212
8071	GUGGAGUG G AUGUGUUC	6837	GAACACAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUCCAC 25213	25213
8084	GUUCUACA G ACCUUCUG	6838	GGA GCCGUUAGGC	25214
8092	GACCUUCU G AGUGUUGU	6839	ACAACACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAGGUC 25215	25215
8101		6840	GAGGGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACACU 25216	25216
8116		6841	GCCGUUAGGC UCCCUUCAAGGA	25217
8122	GUGACAUC G GAGAGUCC	6842	GGACUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGUCAC 25218	25218

ACAUCGAA O AGUCCUCG 684 (SA) CGARGAACU GAA GCCGUUAGGC CAAGUGGAA O AGUCUCG 6845 (SA) UUCUCAAC GAA GCCGUUAGGC CAAGUGGAA O GAGAUGA 6847 (SA) AUGCUCUU GAA GCCGUUAGGC CUUAAGGUU O AAAAGCAU 6847 (SA) AUGCUUAGGC CUUAAGGA O ACCAUUCG 6818 (SA) CCUUAGGC CAGAUUCG 6819 (SA) GAAUCGUC GAA GCCGUUAGGC CAGAUUCG 6810 (SA) CCUAACGC CAACAAUC 6810 (SA) CCAAUAGGC CAUACGAC GAUUCGUUG 6810 (SA) CACAAUCG GAUUCGUUG 6810 (SA) CACAAUCG GAUUCGUUG 6810 (SA) CAGAUUCG GAUUCGUUG 6810 (SA) CAGAUUCG GAUUCGUUG 6810 (CA) CAGAUCCA GACCCAACG 6810 (CA) CACACACG GACCCAACG GACCCAACG GACCCAACG GACC	
6845 UNCAACCU GGA GCGGUUAGGC 6846 UUCAACCU GGA GCGGUUAGGC 6847 AUGCUCUU GGA GCGGUUAGGC 6848 CCUAUGGU GGA GCGGUUAGGC 6850 CGAAUCGU GGA GCGGUUAGGC 6851 ACCCGAAU GGA GCGGUUAGGC 6852 CAAGGACC GGA GCGGUUAGGC 6853 UCAAGGAC GGA GCGGUUAGGC 6854 AACCCAUUU GGA GCCGUUAGGC 6855 UCCUCAAC GGA GCCGUUAGGC 6856 CCAGUCCU GGA GCCGUUAGGC 6857 AGCCAGUC GGA GCCGUUAGGC 6858 CAGCCAGU GGA GCCGUUAGGC 6860 UUGGCCCU GGA GCCGUUAGGC 6861 CCUUGGC GGA GCCGUUAGGC 6862 CCCUUGGC GGA GCCGUUAGGC 6863 AAAAUUC GGA GCCGUUAGGC 6864 CAAAAUUC GGA GCCGUUAGGC 6865 AAAAAUC GGA GCCGUUAGGC 6866 AAAAAUC GGA GCCGUUAGGC 6867 CAAAAAUU GGA GCCGUUAGGC 6869 AUGACCCAU GGA GCCGUUAGGC 6860 AUGACCCAU GGA GCCGUUAGGC 6861 AUGACCCAU GGA GCCGUUAGGC 6862 CAAAAUUC GGA GCCGUUAGGC	GCCGODAGGC OCCCOOCAAGGA GCCGOOAGGC OCCGGG OCCGAOGO
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CUGAGGUU G AAAAGCAU 6847 AUGCUCUU GGA GCCGUUAGGC AGGAUGGG 6648 CCUANGGU GGA GCCGUUAGGC AGGAUCAG 6819 GAAUCGUC GGA GCCGUUAGGC GAGCAUUC 6850 CGAAUCGU GGA GCCGUUAGGC GACGAUUCG 6851 ACCCGAAU GGA GCCGUUAGGC CAUGGAUC 6852 CAAGGAC GGA GCCGUUAGGC GACGAUUCG 6853 UCAAGGAC GGA GCCGUUAGGC GACGAUUCG 6853 UCAAGGAC GGA GCCGUUAGGC GACGAUUCG 6854 AACCAUUU GGA GCCGUUAGGC GAGCCUUG 6855 UCACCAGUC GGA GCCGUUAGGC GAGUCCUUG 6854 AACCAGUC GGA GCCGUUAGGC AAUGGUU 6855 UCCCAGUC GGA GCCGUUAGGC AAGGCCAA GACUCCACC 6859 UCCGUUAGGC AGGCCAAC 6860 GCCGUUAGGC AGGCCAAC 6861 CCUUCAGC GACACCGAC GACACCACC GAGCCAACG GACUCCAC 6862 CCCAGUCAGC GACCCACAC 6863 ACCACUU GACCCCAAC 6864 ACCCGUUAGGC GACCCCAAC	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UCAGCACU
AGGUVGAA G AGCAUAGG 6818 CCUANUGCU GGA GCCGUUAGGC AGAGCAUAG 6819 GAAUCGUC GGA GCCGUUAGGC GAGCAUAGG 6810 CGAAUCGUC GGA GCCGUUAGGC GACGAUUCG 6812 ACCCGAAU GGA GCCGUUAGGC GACGAUUCG 6812 ACCCGAAU GGA GCCGUUAGGC GACGAUUCG 6812 CAAGGACC GGA GCCGUUAGGC GACGAUUCG 6812 AACCAUUU GGA GCCGUUAGGC GACGAUCCU 6815 AACCAUUU GGA GCCGUUAGGC GAGGUCCU 6815 AACCAUU GGA GCCGUUAGGC GAGGUCCU 6816 AACCACUC GGA GCCGUUAGGC GAGGUCCU 6816 CCAGUCAC GGA GCCGUUAGGC GAGGUCCAA 6816 CCAGUCAGC GGA GCCGUUAGGC GAGCCAAGG 6816 CCAGUUAGGC GAGCCAAGG 6817 CCUUGGCC GGA GCCGUUAGGC GAGCCAAGG 6817 CCUUGGCC GGA GCCGUUAGGC GAGCCAAGG 6817 CCCUUGGC GGA GCCGUUAGGC GAGCCAAGG 6817 CCCUUGGC GGA GCCGUUAGGC GAGCCAAGG 6817 AACCCUUG GGA GCCGUUAGGC GAGCCAAGG 6817 AACCCUUAGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCUCAG
AGAGCAUM G GACGAUUCG GBAD GAAUCGUC GAA GCGUUNAGGC GAGCAUAGG 6851 CGAAUCGU GAA GCCGUUNAGGC GACCAUNCG 6852 CCAGARUCG GAA GCCGUUNAGGC GACGAUUCG GBS2 CCAGGACC GAA GCCGUUNAGGC GACGAUUCG G GUCCCUUGA 6853 UCAAGGAC GAA GCCGUUNAGGC GACGAUUCG G GUCCUUGAA 6853 UCAAGGAC GAA GCCGUUNAGGC GGUUCCUU G GUCCUUGAA 6855 UCCUCAAC GAA GCCGUUNAGGC GGUUCCUU G GACUGGCU 6857 AGCCAGUUAGGC CCAGUCCAG GAA GCCGUUNAGGC AUGGUUGAA G GACUAGGC 6857 AGCCACAGU GAACCUUAGGC 6859 GCAGUUAGGC AUGGUCCAA G GCCAAAGG 6867 CCUUGAGC GAGCCAUAGG 6867 CCUUGAGC GAGCCCUAGG GCCCCAAGG G GCCAAAGGG 6867 CCCUUGAGC GAGCCCUAGG GGCGUUAGGC GGCCCAAGG G GAAUUUU 6867 CCCUUGAGC GGCGCUUAGGC GGCGCUUAGGC GCCCCAAGG G GAAUUUUC 6867	accounage uccouncaaga geogunage ucegg uncaaccu
GAGCAUAGO 6850 COBANCGO GAR GECGUUAGGO CAUAGGAC AUUCGGGU 6851 ACCCGAAU GGA GCCGUUAGGO GACGAUUCG 6852 CAAGGACC GGA GCCGUUAGGC GAGGUCCUU 6853 UCAAGGAC GGA GCCGUUAGGC GGGUCCUU 6854 AACCAUUU GGCGUUAGGC GGGUCCUU 6854 AACCAUUU GGCGUUAGGC GGGUCCUU GAGACUGG 6854 AACCAUUU GGCGUUAGGC AAAUGGUUA GAGACUGG 6855 UCCUCAAC GGCGUUAGGC AAAUGGUUA GAGACUGC 6857 AGCCAGUC GGA GCCGUUAGGC UGGACCAC GGGCCAAGG 6863 CACUUGGC GGCGUUAGGC GGA GCCGUUAGGC UGCACCCAA GGCCCAAGG 6863 CACUUGGC GGCGUUAGGC GGA GCCGUUAGGC GGCCCAAC GGCCCAAGG 6863 AAAAUUC GGCGUUAGGC GGA GCCGUUAGGC GGGCCAAG GGCCCAAGG GAGGCCAA GGCCCAAGG GGCCGUUAGGC GGCCGUUAGGC GGA GCCGUUAGGC	eccennage uccenneaaga gecennage uccege naugeneu
CAUAGGAC G AUUCGGGU 6851 ACCCGAAU GGA GCCGUUAAGGC GACGAUUC G GGUCCUUGA 6852 CAAGGAC GGA GCCGUUAAGGC ACGAUUCG G GUCCUUGA 6853 UCAAGGAC GGA GCCGUUAAGGC GGGUCCUU G AAAUGGU 6854 AACCAUUU GGA GCCGUUAAGGC CUUGAAAU G GUUGACG 6855 UCCUCAAC GGA GCCGUUAAGGC AAAUGGUU G ACUGGCU 6855 UCCUCAAC GGA GCCGUUAAGGC UGGUCACC G AGGGCCAA 6857 AGCCAGU GGA GCCGUUAAGGC UGGACCAA G GCCCAAAGG 6861 CCUUGGCC GGA GCCGUUAAGGC GCUGCACC G AGGGCCAA 6862 CCCUUGGCC GGA GCCGUUAAGGC GCUGCACC G AGGGCCAA 6863 AAAAUUCC GGA GCCGUUAAGGC GCCGCAAGG 6867 CCCUUGGCC GGA GCCGUUAAGGC GGCCAAGG 6867 CCUUGGCC GGA GCCGUUAAGGC GGCCAAGG GAAUUUUGC 6867 CACGUUAAGGC GGCCAAGG GAACCCAGG GACCGUUAAGGC GAACACCUU GGA GCCGUUAAGGC GGCCAAAGG GAACACCUU GGA GCCGUUAAGGC GGCGUUAAGGC GAACACCUU GGA GCCGUUAAGGC GGCCCAAGG GAACACCUU GAACACCUU GGA GCCGUUAAGGC GAAGGCCAAG GCCGUUAAGGC UUU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAUGCUC
GACGAUUC G GGUCCUUGA 6852 CAAGGACC GGA GCCGUUAAGGC ACGAUUCG G GUCCUUGA 6854 AACCAUUU GGA GCCGUUAAGGC GGGUCCUU G AANGGUU 6854 AACCAUUU GGA GCCGUUAAGGC CUUGAAAU G GUUGAAGA 6855 UCCUCAAC GGA GCCGUUAAGGC AANUGGUU G AGACUGGC 6857 CAGCCAUU GGA GCCGUUAAGGC UGGUUGAC G ACUGGCUA 6857 CAGCCAUU GGA GCCGUUAAGGC UGGUCACCA G GGCCAAGG 6857 CAGCCAUG GGA GCCGUUAAGGC GCUGCACCA G GGCCAAGGG 6861 CCUUGGCC GGA GCCGUUAGGC GCCCAAGGG 6862 CCCUUGGC GGA GCCGUUAGGC GCCCAAGGG 6863 CCCUUGGC GGA GCCGUUAGGC GGCCCAAGG 6861 CCUUGGCC GGA GCCGUUAGGC GGCCCAAGG 6862 CCCUUGGC GGA GCCGUUAGGC GGGCCAAGG 6863 AAAAUUC GGA GCCGUUAGGC GGGCCAAGG 6863 AAAAUUC GGA GCCGUUAGGC GGCCCAAGG GACGCUUAGGC GAAAAUUC GAAAAUUC GGCCCAAGG GAAAUUUGC GAAAAUUC GAAAAUUC GGCCAAGG AAAGGUCU GAGCGUUAGGC GAAAAUUC <	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCCUAUG
ACGAUUCG G GUCCUUGA 6853 UCAAGGAC GGA GCCGUUAGGC GGGUCCUU G AANGGUU 6854 AACCAUUU GGA GCCGUUAGGC CUUGAAAU G GUUGAGGA 6855 UCCUCCAAC GGA GCCGUUAGGC AAAUGGUUGA G GACUGGCU 6857 AGCCAGUC GGA GCCGUUAGGC VGGUUGAG G GACUGGCU 6857 AGCCAGUC GGA GCCGUUAGGC VGGUUGAG G GACUGGCCA 6857 AGCCAGUC GGA GCCGUUAGGC VGGUUGAG G GCCAAGG 6857 AGCCAGUC GGA GCCGUUAGGC GCUGCAACG 6858 CCUUGGCC GGA GCCGUUAGGC GCACCGAG G GCCAAGGG 6861 CCUUGGCC GGA GCCGUUAGGC GCACCCAAGG G GACCAAGGG 6862 CCCUUGGC GGA GCCGUUAGGC GGGCCAAG G GACCAAGGG 6863 CCCUUGGC GGA GCCGUUAGGC GGGCCAAGG G AAGUUCUU 6863 CCCUUGGC GGACCGUUAGGC GGGCCAAGG G AAGUUCUU 6867 CAGAGCAC GGCGUUAGGC GGCCCAAGG G AAAGUCAU 6869 CCAUUCUU GGA GCCGUUAGGC GCCGUUAGG G AAAGUCAU <td>GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUCGUC</td>	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUCGUC
GGGUCCUU G AANUGGUU 6854 AACCAUUU GGA GCCGUUAGGC CUUGAAAU G GUUGAGGA 6855 UCCUCAAC GGA GCCGUUAGGC AAAUGGUU G GACUGGCU 6857 AGCCAGUC GGA GCCGUUAGGC UGGUUGAG G GACUGGCU 6857 AGCCAGUC GGA GCCGUUAGGC UGGUUGAG G GACUGGCU 6859 GGUGCAGG GGA GCCGUUAGGC UGGUCACC G GCCAAGGG 6861 CCUUGGCC GGA GCCGUUAGGC UGCACCAG G GCCAAGGG 6861 CCUUGGCC GGA GCCGUUAGGC UGCACCAG G GCCAAGGG 6861 CCCUUGGC GGA GCCGUUAGGC G GCCCAAGG G GCCAAGGG 6861 CCCUUGGC GGA GCCGUUAGGC G GCCCAAG G GAAUUUUG 6863 AAAAUUC GGA GCCGUUAGGC G GCCCAAG G GAAGUUAGG 6867 CAACACUU GGCGCUUAGGC GGCGCUUAGGC G GCCCAAGG G AAGUCAU 6866 AAGACCCUU GGCGCUUAGGC GGCGCUUAGGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUCGU
CUUGAAAU G GUUGAGGA 6855 UCCUCAAC GGA GCCGUUAGGC AAAUGGUU G AGACUGG 6856 CCAGUCCU GGA GCCGUUAGGC AUGGUUGAG G ACUGGCUG 6857 AGCCAGUC GGA GCCGUUAGGC UGGUUGAG 6858 CAGCCAGU GGA GCCGUUAGGC UGGUCACC G ACUGCACC 6859 GGUGCAGC GGA GCUCCACGA 6860 UUGGCCCU GGA GCCGUUAGGC GCACCGAG G GCCAAGGG 6861 CCUUGGCC GGA GCCGUUAGGC GCACCGAG G GCCAAGGG 6861 CCUUGGCC GGA GCCGUUAGGC GCACCCGAG G GCCAAGGG 6862 CCCUUGGC GGA GCCGUUAGGC GGCCCAAGG G GCCAAGGG 6863 AAAAUUC GGA GCCGUUAGGC GGCCCAAGG G ACCAAGGG 6864 CACAAAUU GGA GCCGUUAGGC GGCCCAAGG G AAUUUUGC 6865 GCCGUUAGGC GA GCCGUUAGGC UUUUGCGU G AAGUCCUU 6867 CAGACCUU GGA GCCGUUAGGC UUCACUCAACU	ecceuvagec uccenveagea ecceuvagec uccege aaggacee
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AUGGUUGA G GACUGGCU 6857 AGCCAGUC GGA GCCGUUAGGC UGGUUGAG 6858 CAGCCAGU GGA GCCGUUAGGC UGGUCCACC 6859 GGUGCAGC GGA GCCGUUAGGC GCUGCACC 6859 GGUGCAGC GGA GCCGUUAGGC GCUGCACGA G GGCCAAGG 6861 CCUUGGC GGA GCCGUUAGGC GCACCCGAG 6862 CCCUUGGC GGA GCCGUUAGGC GCACCCCAAGG 6863 AAAAUUCC GGA GCCGUUAGGC GGCCAAGG 6863 AAAAUUC GGA GCCGUUAGGC GGCCAAGG 6864 CAAAAAUUC GGA GCCGUUAGGC GGCCAAGG 6865 AAGACCUU GGA GCCGUUAGGC UUUUGCCGU 6866 AAGACCUU GGA GCCGUUAGGC UUUUGCGU 6866 AAGACCUU GGA GCCGUUAGGC GGCCAUAGG 6867 CAGACCCUU GGA GCCGUUAGGC GGCCAUAGG 6870 UCCCACCUU GGA GCCGUUAGGC GGCCAUAGG 6871 <t< td=""><td>GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCAUUU</td></t<>	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCAUUU
UGGUUGAG 6858 CAGCCAGU GBS CAGCCAGU GGUUAGGC UGAGGACU GCUGCACC 6859 GGUGCAGC GBS GGUGCAGC GBS GGUGCAGC GGCGUUAGGC UGCACCGAG GGCCAAGGG 6861 CCUUGGC GGA GCCGUUAGGC GCACCCGAG GGCCAAGGG 6862 CCCUUGGC GGA GCCGUUAGGC GCACCCGAG GGCCAAGGG 6863 AAAAUUC GGA GCCGUUAGGC AGGGCCAAG GGAAUUUUG 6864 CAAAAUUC GGA GCCGUUAGGC GGCCAAGG GAAUUUUGC 6865 GCAAAAUU GGCGGUUAGGC GGCGGUUAGGC UUUUGCGU AAGGUCAU 6866 ACAACCUU GGCGGUUAGGC GGCGGUUAGGC UUUUGCGU AAGGUCAU 6866 ACACCUUU GGCGGUUAGGC GGCGGUUAGGC UUUUGCGU AAGGUCAU 6867 CAAAACUU GGCGGUUAGGC GGCGGUUAGGC UUUUGCGU GAAGGUCAU 6869 CAUCUUCU GGCGGUUAGGC GGCGGUUAGGC UUCAUCAUCU GAAGGUCAU	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UCAACCAU
UGGACCARO 6859 GGUGCAGC 6859 GGUGCAGC GGGCAAGG 6860 UUGGCCCU GGA GCCGUNAGGC GCUGCACC GGCCAAGGG 6861 CCUUUGGC GGA GCCGUNAGGC GCACCGAG GGCCAAGGG 6862 CCCUUGGC GGA GCCGUNAGGC GGACCCAAG GGAAUUUU 6863 AAAAUUC GGA GCCGUNAGGC GGGCCAAG GAAUUUUG 6865 CCCUUGGC GGCGGUNAGGC GGCCAAGG GAAUUUUG 6866 AAAAAUUC GGA GCCGUUNAGGC UUUUGCGU AAGGUCAU 6866 AACACCUU GGCGGUUNAGGC UUUUGCGU AAGGUCAU 6866 AACACCUU GGCGGUUNAGGC UUUUGCGU AAGGUCAU 6867 CAAAACCUU GGCGGUUNAGGC UUCCUUAAG 6868 AUGAACAU GAAAGCGU GGCGGUUNAGGC GUCAUNAG 6870 UCCCAUCAGC GGCGGUUNAGGC GUCAUCAGC 6871 AGCCACCCA GGCGGUUNAGGC GAGCGGCG 6874 CCCCAUAGGC GGCGGUUNAGGC GAGCGGCG 6874 <td< td=""><td>accannagac ucccuncaaga accannagac uccaga cucaacca</td></td<>	accannagac ucccuncaaga accannagac uccaga cucaacca
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UGCACCGA G GCCAAGG 6861 CCUUGGC GAA GCACCGAG G GCCAAGGG 6862 CCCUUGGC GAA AGGGCCAA G GAAUUUUG 6863 AAAAUUCC GAA GGGCCAAGG G GAAUUUUGC 6864 CAAAAUUC GAA GGCCAAGG G AAUUUUGC 6865 GCAGUUAGGC UUUUGCCU G AAGGUGCU 6865 AGCACCUU GGCGGUUAGGC UUUUGCCU G AAGGUCCU 6866 AGCACCUU GGCGGUUAGGC UUCAUGCC G AAAGUCAU 6867 CAAAACUCU GGCGGUUAGGC UACAUGCC G AAAGUCAU 6868 AUGAACAC GGCGGUUAGGC AAGCACAU G AAAGUCAU 6867 CAACACUU GGCGGUUAGGC AAGCAGAA G AAGAUGAA 6870 UCCCAUCAU GGCGGUUAGGC AAGCAGAA G AAGAUGAA 6871 AGCAGCAU GGCGGUUAGGC AAGAAGAA G AAGAUGAA 6871 AGCAGCCC GGCGGUUAGGC AAGAAGAA G AAGAGCCC GAAGAGCCC GAAGAGCCC GAAGAGCCC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGCAGC
GCACCGAG G GCCAAGGG 6862 CCCUUGGC GGA GCGUUAGGC AGGGCCAA G GGAAUUUU 6863 AAAAUUCC GGA GCGGUUAGGC GGGCCAAG G GAAUUUUG 6864 CAAAAUUC GGA GCCGUUAGGC GGCCAAG G GAAUUUUGC 6865 GCAAAAUU GGA GCCGUUAGGC UUUUGCCU G AAGGUGU 6866 AGCACCUU GGA GCCGUUAGGC UUCAUGCC G AAAGUCAU 6867 CAGAACUU GGA GCCGUUAGGC UACAUGCC G AAAGUCAU 6868 AUGAACAC GGA GCCGUUAGGC AAGUCAUA 6869 CAUCUUCU GGA GCCGUUAGGC GUCAUAGA 6870 UCCAUCUU GGA GCCGUUAGGC GUCAUAGA 6871 AGCAGCUC GGA GCCGUUAGGC AUAGAGAU 6871 AGCAGCUC GGA GCCGUUAGGC AUAGAGAU 6872 AGCAGCUC GGA GCCGUUAGGC AGAAGAUG 6873 AGCAGCUC GGA GCCGUUAGGC AGAAGAUG 6874 AGCCCCCC GGA GCCGUUAGGC AGAGGGG 6874 AGCCCCCC GGA GCCGUUAGGC AGAGGGG 6874 AGCCCCCC GGA GCCGCGUUAGGC AGAGGGG 6875 AGCCCCCC GGA GCCGCUUAGGC AGAGGGGG 6876 AGCCCCCC GGA GCCGCGUUAGGC AG	accayuagac ucccuucaagaa accayuagac uccaga ucaguaca
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GGGCCAAGG G GAAUUUUG 6864 CAAAAUUC GG GCGUUAGGC GGCCAAGG G AAUUUUGC 6865 GCAAAAUU GGCGUUAGGC UUUUGCGU G AAGGUGCU 6866 AGCACCUU GG GCGGUUAGGC UUCGUCAA G AAGGUCAU 6867 CAAAGCUC GG GCGGUUAGGC UACAUGCC G AAAGUCAU 6868 AUGAACAC GG CGGUUAGGC G GCGUUAGGC G AAGGUCAU 6870 UCCCAUCUU GG GCGGUUAGGC G GCGUUAGGC G BAAGUCAU 6871 AGCCGUUAGGC GCCGUUAGGC AUAGAGAA 6870 UCCCAUCUU GGA GCCGUUAGGC AUAGAGAA 6871 AGCAGCUU GGA GCCGUUAGGC AUAGAGAA 6871 AGCAGCUC GGA GCCGUUAGGC AGAAGAUG 6872 AGCAGCUC GGA GCCGUUAGGC AGAAGAUG 6873 AGCAGCUC GGA GCCGUUAGGC AGAAGAUG 6874 CCCCCAUAC GGA GCCGUUAGGC CCAACGCC GUAUGGGG GBAGGGGGA GBAG G	eccennagec ucccuucaagga eccennagge uccegg ungecceu
GGCCAAGG G AAUUUUGC 6865 GCAAAAUU GGA GCGUUAGGC UUUUGCGU G AAGGUGCU 6866 AGCACCUU GGA GCCGUUAGGC UUUUGCGU G AAGGUCCU 6867 CAGAGCAC GGA GCCGUUAGGC UACAUGCC G AAAGUCAU 6868 AUGAACUU GGA GCCGUUAGGC AAGUCAUA 6870 UCCAUCUU GGA GCCGUUAGGC GUCAUAGA 6871 AGCAGCUU GGA GCCGUUAGGC AUAGAGAA 6871 AGCAGCUC GGA GCCGUUAGGC AAAGACAU 6872 AGCAGCUC GGA GCCGUUAGGC AAAAGAUA GAGCUGCUC 6873 AGCAGCCU GGA GCCGUUAGGC AAAAAAAU GAGCUGCUC 6874 AGCAGCUC GGA GCCGUUAGGC AAAAAAAU GAGCGGUAGC 6874 AGCAGCUC GGA GCCGUUAGGC ACAAGCCC GUAUGGGG 6874 CCCCAUAC GGA GCCGUUAGGC CCCAAUAC GAGCGGUAGC 6874 CCCCCAUAC GGA GCCGUUAGGC CCGGUUAGGC GUAUGGG 6874 CCCCCAUAC GGA GCCGUUAGGC CCGGUUAGGC GAGGGGAC 6876 CCGCGUUAGGC CCGGGUAG GGGGGGAC 6876 CCACCAUAGCC CCGGGUAG GGGGGGAC GGCGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGGCCC
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26260	23233	25261	10262	70767	25263	25264	25265	25266	25267	25268	25269	25270	25271	25272	25273	25274	25275	25276	25277	25278	25279	25280	25281	25282	25283	25284	25285	25286	25287	25288	25289	25290	25291	25292	25293	25294	25295	25296	25297	25298
COCCOCK C	- 1	G UGACCAGU					G AAUACAUC	G CAAUACAU	G ACCCAAUA	G GACUCACC	UCCGGG UGAAGCUC	UCCGGG ACAUUGCC	G ACUGAAUG	G AUAUUCAC	a ugecueau	G UAGGAGCA	G CUAGGAGC	G WCCWAGG	G AUTCUUCC	G CAUUCUUC	a www.cc	ය පොහාගය	R AGGUCCUU	R CAGGUCCU	a wccagg	G CUUCCAGG	a cconccag	G GUAUUGGG	G UCGUAUUG		a unccucan	G AAGUUUAC	G CAAGUUUA	G CCAAGUUU	G ACTUCCCA	G CACTUCCC	G UGGUUCCA	a cuaeuucc	ය දෙදෙගලග	UCCGGG ACCGCCCU
0000011	- 1						ອອອວວດ ວັ	ອອອລວດ ວັ	ອອອວວດ ວັ	C UCCGGG			S UCCGGG	c accede	S ACCEGE	S access	S ACCEGE	Secon S	c accees	o accede	c accese	c uccaga	C UCCGGG	විධාරය විධාර	DESCRIPTION OF	ວິນວິດ ວິ	විධාරයයෙම	ල ගදයයෙය	ວັດແຜອອ	තිවාදා වි	ට ගදදලල	C UCCGGG	DEBOOM 5	c accees	Sesson 5	විවිධාර ව	S access	S accees	C UCCGGG	
O CHILLION O	SCCGUUNGGC	GCCGUUAGGC	JOSEPH THE POOR	GCCGUUAGG	- 1	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
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CO OKOLIOTHER	- 1	- 1			- 6	- 1		CGACUCAC GGA	GCUCGACU GGA	CUGAAGCU GGA	CACAUUGC GGA	GAAUGUAC GGA	GUCAUAUU GGA	vaccuagu aga	AGGAGCAC GGA	CAUUCUUC GGA	CCAUUCUU GGA	UUUCCAUU GGA	CUUUUUUC GGA	ccountum gay	UCCAGGUC GGA	UUCCAGGU GGA	GUCCCUUC GGA	GGUCCCUU GGA	UGGGGUCC GGA	UNGGGGUC GGA	AUUGGGGU GGA	AUCUUCCU GGA	ACAUCUUC GGA	UACAUCUU GGA	GUUUACAU GGA	CCACTUCC GGA	UCCACUUC GGA	UUCCACUU GGA	ccuaguuc gaa	CCCUGGUU GGA	CCACCGCC GGA	CCCACCGC GGA	UUUCCCAC GGA	GGUUUUCC GGA
6002	5000	6884	2000	0000	2889	6888	6889	0689	6891	6892	6893	6894	6895	9689	6897	6898	6689	0069	1069	6902	6903	6904	6905	9069	6907	6908	6069	0169	6911	6912	6913	6914	6915	9169	6917	6918	6169	6920	6921	6922
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0000	0200	83.18	0210	8323	8332	8334	8342	8343	8346	8351	8359	8367	8379	8385	8394	8404	8405	8408	8412	8413	8420	8421	8426	8427	8430	8431	8432	8443	8445	8446	8449	8460	8461	8462	8467	8468	8474	8475		8481

25299	25300	25301	25302	25303	25304	25305	25306	25307	25308	25309	25310	25311	25312	25313	25314	25315	25316	25317	25318	25319	25320	25321	25322	25323	25324	25325	25326	25327	25328	25329	25330	25331	25332	25333	25334	25335	25336	25337	25338
JUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCGCCC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	sugu ega ecceuvagec ucccuucaagea ecceuvagec uccege ugaguuga	IGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAUUUU	ANC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUCUUG	GGA GCCGUUAGGC UCCCUUCAAGGA	COUR GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCCUGU	sagu ega eccenuagec uccciucaaga eccenuagec uccego guicaauc	ACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGUCGU	DACT GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCCUGA	ACGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAACUGUA	suge dea geconnage ucconcaaga geconnage uccege acqueaa	JCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGUGCC	nucu ega gecegunagge uccenucaagga geconnagge uceggg aucguggu	seuu ega ecceuuagec ucccuucaagea ecceuuagec uccege ucauceue	seuu ega <u>ecceuuagec</u> ucccuucaaga <u>ecceuuagec</u> uccege uauaugeg	SUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCUA	AGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGUUCU	GGA GCCGUUAGGC UCCCUUCAAGGA	NCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAACUGC	SCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCAUA	sage geograpage uccenterages geograpage uccege uguegedu	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	ACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGACCA	LACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUGACC	JGAC GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG ACUCCAUU	BAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACCACU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	sugu daa googunaggo uccourcaagga googunaggo uccggg coaugguu	PAUV GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUGGU	ngec gaa geoguuagge neecuucaagga geoguuagge neeggg angguggu	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	gga gccgunaggc	TUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAGGGA	ACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGCUGC	GGA	COUT GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUGAA	cac gar accourage uccouncaagea accouraged uccess uncucuu
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6923	6924	6925	6926	6927	6928	6859	6930	6931	6932	6933	6934	6935	6936	6937	6938	6833	6940	6941	6942	6943	6944	6945	6946	6947	6948	<u> </u>	-	6951	6952	6953	6954	6955	6956	6957	6958	6929	6960	6961	6962
GGGGGUG G GAAAACCC	GGCGGUGG G AAAACCCC	UCAACUCA G ACACCAGU	AAAAUCAA G AACAGGAU	CAAGAACA G GAUUGAAC	AAGAACAG G AUUGAACG	ACAGGAUU G AACGACUC	GAUUGAAC G ACUCAGGC	ACGACUCA G GCGUGAGU		UACAGUUC G ACGUGGCA	UNCGACGU G GCACCACG	GGCACCAC G AUGAGAAC	ACCACGAU G AGAACCAC	CACGAUGA G AACCACCC	CCCAUAUA G AACCUGGA	UAGAACCU G GAACUAUC	AGAACCUG G AACUAUCA	ACUAUCAC G GCAGUUAU	G AUC	¥	AGCCCACA G GCUCCGCC	AGUUCGCU G GUCAAUGG	UGGUCAAU G GAGUGGUC	GGUCAAUG G AGUGGUCA	AAUGGAGU G GUCAGGCU	AGUGGUCA G GCUCCUCU	AAAACCAU G GGACACCA	AAACCAUG G GACACCAU	AACCAUGG G ACACCAUC	ACCAUCAC G AAUGUUAC		AUGGCCAU G ACUGACAC	CCAUGACU G ACACUACU	cucccunc e eecaecae	UCCCUUCG G GCAGCAGC	G AG	G AGA	O	AAAGAGAA G GUGGACAC
8482	8483	8503	8520	8525	8526	8530	8534	8540	8545	8556	8561	8569	8572	8574	8288	8594	8595	8605	8614	8619	8629	8646	8653	8654	8658	8663	8681	8682	8683	8694	8709	8715	8719	8734	8735	8744	8755	8757	8760

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25339	25340	25341	25342	25343	25344	25345	25346	25347	25348	25349	25350	25351	25352	25353	25354	25355	25356	25357	25358	25359	25360	25361	25362	25363	25364	25365	25366	Н		25369	25370	25371	25372	25373	25374	25375	25376	25377
ACCUUCUC	CACCUUCU	GUGUCCAC	AGGAGCUU	ueeceeuu	uncuaece	cuncuaec	ACUCCUUC	AUUGAGCA	UCAUUGAG	AGUUGGUG	ACAACCAG	CACAACCA	ANANAGCC			ugggacgu	GAGAGCAC	uccege uceasasc	: UCUCGAGA			S JUJOCUDAU	PAAGCUGC	CAAAGCUG	AAACAUGG		nacuconc		CAUUGAUU	UCCAUUGA	CUCCAUUG		vcueecec	AACUGCUU	UUCAACUG	3 AAAAUUUU	CAAAAUUU	CCAAAAUU
c uccass	C UCCGGG	S accese	C UCCGGG	C UCCGGG	OCCGGG	C access	C UCCGGG	DECCEOR	SEC UCCGG	C UCCGGG	C UCCGGG	C OCCGGG	C UCCGGG	DEDCOOR 5		DEDOON O			DEBECT DE	විධිවරයය	DE DCCGGG	C UCCGGG	E UCCGG	වෙවාට ට	E UCCGGG	, ,	DESCRIPTION OF		DECCEGG	ල ගදයයෙ	ඉහත්ත වැ	SESSON DE	S accese	DSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSSS	SECOND DE	වචාරයය වැ	S acces	S occes
GCCGUUAGGC	GCCGUUAGGC	accevuaaac	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA
GCCGUUAGGC		A GCCGUUAGGC	A GCCGUUAGGC	1	A GCCGUUAGGC	A GCCGUUAGGC	1	A GCCGUUAGGC	ı – .	A GCCGUUAGGC	1 - '	A GCCGUUAGGC	ı	A GCCGUUAGGC	A GCCGUUAGGC	1 - 1		A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC										
UNCEUGUC GGA		GGAGCUUU GGA	UGGCGGUU GGA	CACUCCUU GGA	CUUCACUC GGA	ACUUCACU GGA	ACGUACUU GGA	GGUGGUCU GGA	UUGGUGGU GGA	CCCACAAC GGA	AAAACGCC GGA	AAAAACGC GGA	UCUCUGGC GGA	GUUUUUCU GGA	ACGUUUUU GGA	AGCACAUU GGA	AUUCCUCU GGA	GAAUUCCU GGA	AUGAAUUC GGA	UAUGAAUU GGA	UGACCUUU GGA	CUGUUGAC GGA	AUGGCACC GGA	CAUGGCAC GGA	CUGCUCUU GGA	AUTOCUGCU GGA	CAUUGAUU GGA	CGCCCCCC GGA	GCGCCCCC GGA	UGGCGCUC GGA	CUGGCGCU GGA	CUGCUUCU GGA	AACUGCUU GGA	UGGAUCUU GGA	UUUUGGAU GGA	CCAUCUCC GGA	ACCAUCUC GGA	CACCAUCU GGA
6963	6964	5969	9969	6967	8969	6969	6970	6971	6972	6973	6974	6975	9269	6977	6978	6269	6980	6981	6982	6983	6984	6985	9869	6987	6988	6869	0669	6991	6992	6993	6994	6995	9669	6997	8669	6669	7000	7001
GAGAAGGU G GACACGAA	AGAAGGUG G ACACGAAA	GUGGACAC G AAAGCUCC	AAGCUCCU G AACCGCCA	AACCGCCA G AAGGAGUG	CGCCAGAA G GAGUGAAG	GCCAGAAG G AGUGAAGU	3	UGCUCAAU G AGACCACC	CUCAAUGA G ACCACCAA	CACCAACU G GUUGUGGG	cuaeuusu e eeceuuuu	udanueua a acauuuuu	GCGUUUUU G GCCAGAGA	UUUGGCCA G AGAAAAAC	UGGCCAGA G AAAAACGU	ACGUCCCA G AAUGUGCU	GUGCUCUC G AGAGGAAU	GCUCUCGA G AGGAAUUC	UCUCGAGA G GAAUUCAU	CUCGAGAG G AAUUCAUA	G AA	AUAAGAAA G GUCAACAG	GCAGCUUU G GGUGCCAU	CAGCUUUG G GUGCCAUG	CCAUGUUU G AAGAGCAG	UGUTUGAA G AGCAGAAU	PAGAGCA G AAUCAAUG	GAAUCAAU G GAGGAGCG	AAUCAAUG G AGGAGCGC	UCAAUGGA G GAGCGCCA	CAAUGGAG G AGCGCCAG	G AG	GCGCCAGA G AAGCAGUU	AAGCAGUU G AAGAUCCA	CAGUUGAA G AUCCAAAA	AAAAUUUU G GGAGAUGG	AAAUUUUG G GAGAUGGU	AAUUUUGG G AGAUGGUG
8763 G		8769 G	8779 A	_	8791 C	8792 G	8796	8812 U	8814 C	8825 C	8831 C	8832 U	8841 G		-	8861 A	8873 G	8875 G	8877 U	8878 C	L	8892 A	L	8914 C	8926 C		8934 G		L	8945 U	L	8954 G		L	_	8981	L	8983 A

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g gauc	7004	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAUCUC	25380
	7005	CUCCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCAUCU	25381
UGGUGGAU G AGGAGCGC	9002	GOGCUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCACCA	25382
	7007	VCGCGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUCCAC	25383
UGGAUGAG G AGCGCGAG	7008	CUCGCGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAUCCA	25384
AGGAGCGC G AGGCACAU	4007	AUGUGCOU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGCUCCU	25385
	7010	ncceee ncececnc	25386
ACAUCUGC G GGGGGAAU	7011		25387
CAUCUGCO G GGGGAAUG	7012	CAUUCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAGAUG	25388
AUCUGCGG G GGGAAUGU	7013	ACAUUCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGCAGAU	25389
UCUGCGGG G GGAAUGUC	7014	GACAUUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCGCAGA	25390
CUGCGGGG G GAAUGUCA	7015	UCCEGE CCCCGCAG	25391
UGCGGGG G AAUGUCAC	2016	GUGACAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCCGCA	25392
UACAACAU G AUGGGAAA	7017	UNUCCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUUGUA	25393
AACAUGAU G GGAAAGAG	7018	CUCUUNCE GGA GECGUUAGGE UECCUNCAAGGA GECGUUAGGE UECGGG AUCAUGUU	25394
ACAUGAUG G GAAAGAGA	7019	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCAUGU	25395
CAUGAUGG G AAAGAGAG	7020	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUCAUG	25396
	7021	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCCCAU	25397
	7022	UNINCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUCCC	25398
	7023		25399
	7024	GEUTUTUT GGA GCCGUTAAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG UCUCUCUT	25400
	7025	GAACUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGUUUUU	25401
G AGAC	7026	ucccuucaagaa gccguuaggc uccggg cggguuuu	25402
AACCCGGA G AGUUCGGA	7027	исссиисьявая вссвиимавс иссава иссаваии	25403
GAGAGUUC G GAAAGGCC	7028	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAACUCUC	25404
AGAGUUCG G AAAGGCCA	7029	UGGCCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAACUCU	25405
ဗ ဇငငာ	7030	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCCGAA	25406
G GGAA	7031	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGCCUU	25407
	7032	UCUGCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGGCCU	25408
GGCCAAGG G AAGCAGAG	7033	CUCUGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUGGCC	25409
G AGCC	7034	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUUCCC	25410
	7035	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUGGCU	25411
	7036	UCCGGG ACAUGAAC	25412
UGUGGCUC G GAGCUCGC	7607	GCGAGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGCCACA	25413
GUGGCUCG G AGCUCGCU	7038	AGCGAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAGCCAC	25414
cecuvico e eaguicea	7039	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAAGCG	25415
	7040	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAAAGC	25416
G AGGC	7041	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAACUCCA	25417
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25419	25420	25421	25422	25423	25424	25425	25426	25427	25428	25429	25430	25431	25432	25433	25434	25435	25436	25437	25438	25439	25440	25441	25442	25443	25444	25445	25446	25447	25448	25449	25450	25451	25452	25453	25454	25455	25456	25457	25458
AGAGCCUC	CAGAGCCU	AUUGAGAA	UUCAUUGA	AGUGGUCU	AAGCCAGU	CAAGCCAG	UUCCAAGC	uccese unucuncc	UGAGUUCU	CUGAGUUC	UCCUGAGU	CUCCUGAG	UCCUCCUG	GACACCUC	UCGACACC	CUCGACAC	AAGCCCUC	CAAGCCCU	AGUUUUUG	uccege caguuuu	ACGCAGGA	AACUUCAC	GGGUGCCA	AGGCCGGG	CAGGCCGG	CCAGGCCG	CCCAGGCC	MGCCCCC	AGCAUAGA	AUCAGCAU	uccege Agengueu	AGCCAGCU	CAGCCAGC	CCAGCCAG	GUGAUGCG	UCGUGAUG	AGCUCUCG	AAGUCAGC	CAAGUCAG
UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	055550	ncceee	UCCGGG	000000	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	иссеве	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	വഠവദേദ	UCCGGG	UCCGGG		UCCGGG	೧୯୯୧୯	ncceee		ຄວອວວດ		UCCGGG	೧୯୯୯	ncceee		ncceee	UCCGGG	ncceee		оссеве	UCCGGG
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA
GCCGUUAGGC 1	accannaggc t	accountage 1	acceunaege t	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC (GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1		GCCGUUAGGC 1	ا. ا	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	acceumage 1	accennagec 1	GCCGUUAGGC 1	1 1	GCCGUUAGGC 1	GCCGUUAGGC 1
AGAAAACC GGA	GAGAAAAC GGA	GUGGUCUU GGA	CCAGUGGU GGA	UUCCAAGC GGA	connected GGA	UCUUUCUU GGA	AGUUCUUU GGA	CCUGAGUU GGA	ACCUCCUC GGA	CACCUCCU GGA	GACACCUC GGA	CGACACCU GGA	CUCGACAC GGA	CAAGCCCU GGA	CCCAAGCC GGA	GCCCAAGC GGA	UGGAGGCC GGA	UUGGAGGC GGA	AUGUAACC GGA	GAUGUAAC GGA	GCCAACUU GGA	CCGGGUGC GGA	CCCCAGGC GGA	condecece aga	ucuugaca gay	AUCUUGCC GGA		GCAUAGAU GGA		AGCUGUGU GGA	GUCCCAGC GGA	GGGUGUCC GGA	CGGGUGUC GGA	acacadan aan	UCAGCUCU GGA	AGUCAGCU GGA		UCAUUUUC GGA	UUCAUUUU GGA
7043	7044	. 7045	7046	7047	7048	7049	7050	7051	7052	7053	7054	7055	7056	7057	7058	7059	7060	7061	7062	7063	7064	2907	9904	7907	7068	7069	7070	7071	7072	7073	7074	7075	2076	7077	7078	7079	7080	7081	7082
GAGGCUCU G GGUUUUCU	AGGCUCUG G GUUUUCUC	UUCUCAAU G AAGACCAC	UCAAUGAA G ACCACUGG	AGACCACU G GCUUGGAA		CUGGCUUG G AAGAAAGA	GCUUGGAA G AAAGAACU	GGAAGAAA G AACUCAGG	AGAACUCA G GAGGAGGU	GAACUCAG G AGGAGGUG		CUCAGGAG G AGGUGUCG	CAGGAGGA G GUGUCGAG	GAGGUGUC G AGGGCUUG	GGUGUCGA G GCCUUGGG	GUGUCGAG G GCUUGGGC		AGGGCUUG G GCCUCCAA	CAAAAACU G GGUUACAU		UCCUGCGU G AAGUUGGC	GUGAAGUU G GCACCCGG	UGGCACCC G GCCUGGGG	ссевасел в ввесска	CCGGCCUG G GGCCAAGA	ල ශූල			UCUAUGCU G AUGACACA	AUGCUGAU G ACACAGCU	O	AGCUGGCU G GGACACCC	G GAC	CUGGCUGG G ACACCCGC	CGCAUCAC G AGAGCUGA	CAUCACGA G AGCUGACU			CUGACUUG G AAAAUGAA
9153	9154	9166	9169	9116	1816	9182	9185	9189	9196	9197	9199	9200	9202	9208	9210	9211	9216	9217	9231	9232	9247	9253	9260	9265	9266	9267	9268	9273	9283	9286	9295	9299	9300	9301	9315	9317	9322	9327	9328

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g gugcunga	7084	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25460
AGGUGCUU G AGCUGCUU	7085	UCCCUUCAAGGA	25461
AGCUGCUU G AUGGGGAA	7086	UUCCCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCAGCU	25462
	7087	AUGUUCCO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AUCAAGCA	25463
	7088	GAUGUUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCAAGC	25464
	7089	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25465
UUGAUGGG G AACAUCGG	7090	CCGAUGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAUCAA	25466
ල ශීරලැ	7091	GGA	25467
UCUUGCCA G GGCCAUCA	7092	UGAUGGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCAAGA	25468
сплассяв в вссянсян	7093	AUGAUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGCAAG	25469
CCAUCAUU G AGCUCACC	7094	GGUGAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAUGG	25470
AAAGUUGU G AAAGUGAU	7095	AUCACUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACUUU	25471
GUGAAAGU G AUGCGCCC	9604	GGGCGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUUCAC	25472
AUGCGCCC G GCUGCUGA	7607	UCAGCAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGCGCAU	25473
	7098	UCUTICCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAGCCG	25474
	7099		25475
UGCUGAUG G AAGAACCG	2100	CEGUNCUN GGA GCCGUNAGGC UCCCUNCAAGGA GCCGUNAGGC UCCGGG CAUCAGCA	25476
UGAUGGAA G AACCGUCA	7101	UGACGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAUCA	25477
ACCGUCAU G GAUGUUAU	7102	GGA GCCGUUAGGC UCCCUUCAAGGA	25478
	7103	UCCCUUCAAGGA GCCGUUAGGC	25479
	7104	GAUCUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGAGAUA	25480
	7105	CUGAUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGAGA	25481
	7106	GGA GCCGUUAGGC	25482
GAAGAUCA G AGGGGGAG	7107	CUCCCCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAUCUUC	25483
AGAUCAGA G GGGGAGUG	7108	CACUCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGAUCU	25484
	7109	CCACUCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUGAUC	25485
	7110	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25486
	7111	GGA	25487
	7112	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25488
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	7114	CAACUUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUCCCC	25490
ס	7115	UGGACGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUGGU	25491
	7116	AUCCUCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUGGAC	25492
1	7117	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25493
GCUGGUGA G GAUGAUGG	7118	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25494
CUGGUGAG G AUGAUGGA	7119	UCCAUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCACCAG	25495
	7120	CCUUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUCAC	25496
	7121	GGA GCCGUUAGGC UCCCUUCAAGGA	25497
GGAUGAUG G AAGGGGAA	7122	UCCCUUCAAGGA	25498

9562	UGAUGGAA G GGGAAGGA	7123	UCCUUCCE GGA GECGUDAGGE UCCCUUCAAGGA GECGUDAGGE UCCGGG UUCCAUCA	25499
9563	GAUGGAAG G GGAAGGAG	7124	CUCCUUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCAUC	25500
9564	AUGGAAGG G GAAGGAGU	7125	ACUCCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUCCAU	25501
9565	UGGAAGGG G AAGGAGUG	7126	CACUCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCUUCCA	25502
9268	G GAG	7127	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCCUU	25503
9569	AGGGGAAG G AGUGAUUG	7128	നഠാഠാനാ ഉള്ളാന	25504
9573	GAAGGAGU G AUUGGCCC	7129	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCUUC	25505
9577	выспочи в всссывы	7130	AUCUGGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCACUC	25506
9583		7131	vccege vegeccaa	25507
9286	GCCCAGAU G AUGUGGAG	7132	UCCGGG AUCUGGGC	25508
9591	GAUGAUGU G GAGAAACU	7133	AGUIUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCAUC	25509
9592	AUGAUGUG G AGAAACUC	7134	GAGUUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAUCAU	25510
9294	GAUGUGGA G AAACUCAC	7135	GUGAGUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCACAUC	25511
9607	UCACAAAA G GGAAAGGA	7136	UCCUTUCC GGA GCCGUTAGGC UCCCTUCAAGGA GCCGUTAGGC UCCGGG UUUGUGA	25512
9608	CACAAAAG G GAAAGGAC	7137	GUCCUTUC GGA GCCGUTAGGC UCCCTUCAAGGA GCCGUTAGGC UCCGGG CUTUTGUG	25513
6096	G AAA	7138	GEUCCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUUUGU	25514
9613	AAGGGAAA G GACCCAAA	7139	UNUGGGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCCCUU	25515
9614		7140	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCCCU	25516
9626	CAAAGUCA G GACCUGGC	7141	GCCAGGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACUUUG	25517
9627	AAAGUCAG G ACCUGGCU	7142	AGCCAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGACUUU	25518
9632	CAGGACCU G GCUGUUUG	7143		25519
9640	GGCUGUUU G AGAAUGGG	7144	CCCAUNCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACAGCC	25520
9642	CUGUUUGA G AAUGGGGA	7145	UCCCCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAACAG	25521
9646	GGG	7146	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUCAA	25522
9647	UGAGAAUG G GGAAGAAA	7147	UNUCUUCO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG CAUUCUCA	25523
9648	GAGAAUGG G GAAGAAG	7148	CUTUCUTIC GGA GCCGUTAGGC UCCCTUCAAGGA GCCGUTAGGC UCCGGG CCAUUCUC	25524
9649	AGAAUGGG G AAGAAAGA	7149	UCUTUATU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAUUCU	25525
9652		7150	accennage uccege unccccau	25526
9896	G ACU	7151		25527
6996	AGCCGCAU G GCUGUCAG	7152	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGCGGCU	25528
9679	O	7153	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGACAG	25529
9680	UGUCAGUG G AGAUGACU	7154	AGUCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUGACA	25530
9682	UCAGUGGA G AUGACUGU	7155	ACAGUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCACUGA	25531
9685	Ö	7156	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUCCAC	25532
9693	G GUA	7157	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACACAGUC	25533
9705	AAGCCCCU G GACGAUCG	71.58	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGGCUU	25534
9206	AGCCCCUG G ACGAUCGC	7159	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGGGCU	25535
9709	CCCUGGAC G AUCGCUUU	7160	eccennage uccaga euccaga	25536
9753	GUD	7161	acceuvages ucconverages eccenvages ucceed unidacen	25537
9763	UUCGCAAA G ACAUCCAA	7162	UUGGAUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGCGAA	25538

Table VII

9772	איאסטווסא מ אאסטוואסא	23.63	The second secon	
9776	ממפט	2164	GON COCCUMAGES UCCCUUCAAGEA GCCGUUAGEG UCCGGG UUGGAUGU	25539
7776		7165	GGA GCCGUIAGGC UCCCUICAAGGA GCCGIIIIAGGC UCCGGG ACUCUGG	25540
9790	CGUCAACU G GAUGGUAU	7166	GGA GCCGUUAGGC UCCCTUCAAGGA GCCGIIIAAGC UCCGGG AGIIIIAACG	25542
9791	GUCAACUG G AUGGUAUG	7167	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUUGAC	25543
9794		7168	UCCGGG AUCCAGUU	25544
9799		7169	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUACCAUC	25545
9803	GUAUGAUU G GCAGCAGG	7170	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAUAC	25546
9810	UGGCAGCA G GUUCCAUU	7171	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUGCCA	25547
9838	AUTUCACU G AAUTGAUC	7172	GAUCAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGAAAU 255	25548
9843		7173	UNCAUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAGU 255	25549
9849	UUGAUCAU G AAAGAUGG	7174	UCCGGG AUGAUCAA	25550
9853		7175	UCUUCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAUGA 255	25551
9826		7176	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUUUCA	25552
9857		7177	GUGUUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCUUUC 255	25553
9860		7178	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAUCU	25554
9867		7179	GGAACCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUUCU 255	25555
9870		7180	CAUGGAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAGUGU 255	25556
9881		7181	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCAUGGA	25557
9883	CAUGCCGA G GACAGGAU	7182	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGGCAUG	25558
9884	- 1	7183	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCGGCAU	25559
9886	G GAUG	7184	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCCUCG	25560
9889	G AUGA	7185	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUCCUC	25561
9892	•	7186	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUGUC	25562
9897		7187	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAUC	25563
1066	G GCAG	7188	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACCAAUU	25564
9905	- 1	7189	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCUACC	25565
9922		7190	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGAGAUA	25566
9923		7191	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGAGAU	25567
9924	UCUCCAGO G GCCGGAUG	7192	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGGAGA	25568
9928	G GAUG	7193	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCCCUG	25569
9929		7194	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCCCCU	25570
9932	G GAAC	7195	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCGGCC	25571
9933	GCCGGAUG G AACGUCCG	7196	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCGGC	25572
9943	ACGUCCGC G ACACUGCU	7197	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGACGU	25573
9957	GCUUGUCU G GCUAAGUC	7198	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACAAGC	25574
9975	G AUGU	7199	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCAUA	25575
9980	g GCUG	7200	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCUGG	25576
10001		7201	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGAAG	25577
10004	CCACAGAA G AGACCUGC	7202	GCAGGUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUGUGG 255	25578

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25579	25580	25581	25582	25583	25584	25585	25586	25587	25588	25589	25590	25591	25592	25593	25594	25595	25596	25597	25598	25599	25600	25601	25602	25603	25604	25605	25606	25607	25608	25609	25610	25611	25612	25613	25614	25615	25616	25617	25618
ucuucugu	GCAGGUCU	AUGAGCCG	ACAGGGAC	AAUUCACA	CAAUUCAC	GGUAGGGA	CGGUAGGG	UUCCGGUA	Accudent	UGCAUGGA	CUGCAUGG	UCCUGCAU	CUCCUGCA	nccnccna			AUCCACUC	1	ບຕຸບອຸບຸນອຸບ	1				AGACCUCC	CAGACCUC					- 1				CAUTCAUT				`	טאיטיניטיטיטי
UCCGGG	UCCGGG	೧୯୯୯	೧୯୯୯	೧୯୯୯୯	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGG	UCCGGG	UCCGGG	ರಾವಿ		- 1	ncceee	UCCGGG		ncceed	UCCGGG		UCCGGG			UCCGGG				UCCGGG	_ 1		l - J			1	1 .		. 1	
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC			GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC			GCCGUUAGGC) 1	GCCGUUAGGC	GCCGUUAGGC	COCKLEDOCO
UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	исссиислання	UCCCUUCAAGGA																							
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC		GCCGUUAGGC	GCCGUUAGGC		A GCCGUUAGGC	accennyage v	A GCCGUUAGGC	A GCCGUUAGGC	A GCCGUUAGGC		GCCGUUAGGC	A GCCGUUAGGC		A GCCGUUAGGC н							
CCGCAGGU GGA	CCAUGAGC GGA	accuudec gaa	ACCCAAUU GGA	UAGGGACC GGA	GUAGGGAC GGA	GGUUCUUC GGA	UGGUUCUU GGA	ACGUGGUU GGA	GGAUGGAC GGA	CUCUCCUC GGA	ACUCUCCU GGA	CCACUCUC GGA	UCCACUCU GGA	CAUCCACU GGA	UUGUCAUC GGA	GUUGUCAU GGA	ucueuuau gaa	CAUGUCCU GGA	AACAUGUC GGA	CAACAUGU GGA	CAGACCUC GGA	CCAGACCU GGA	UUCCAGAC GGA	CACGGUUC GGA	ACACGGUU GGA	CCUCUAUC GGA	UCCUCUAU GGA	AUUCUCCU GGA	UCAUUCUC GGA	UUCAUUCU GGA	CAUUCAUU GGA	CAUCCAUU GGA	CUUCCAUC GGA	UCUUCCAU GGA	UNGUCUUC GGA	unueucuu gga	GGUUUUGU GGA	CAUTUCUC GGA	
7203	7204	7205	7206	7207	7208	7209	7210	7211	7212	7213	7214	7215	7216	7217	7218	7219	7220	7221	7222	7223	7224	7225	7226	7227	7228	7229	7230	7231	7232	7233	7234	7235	7236	7237	7238	7239	7240	7241	
ACAGAAGA G ACCUGOGG	AGACCUGC G GCUCAUGG	CGGCUCAU G GCCAACGC	gucccugu g Aatugggu		DS GO	UCCCUACC G GAAGAACC	CCCUACCG G AAGAACCA	UACCGGAA G AACCACGU	AACCACGU G GUCCAUCC	8		AUGCAGGA G GAGAGUGG	UGCAGGAG G AGAGUGGA	CAGGAGGA G AGUGGAUG	AGGAGAGU G GAUGACAA	GGAGAGUG G AUGACAAC	GAGUGGAU G ACAACAGA	UGACAACA G AGGACAUG	ACAACAGA G GACAUGUU	CAACAGAG G ACAUGUUG	GACAUGUU G GAGGUCUG	ACAUGUUG G AGGUCUGG	AUGUUGGA G GUCUGGAA	GOAGGUCU G GAACCGUG	GAGGUCUG G AACCGUGU	cceueuuu e gauagage	CGUGUUUG G AUAGAGGA	UUUGGAUA G AGGAGAAU	UGGAUAGA G GAGAAUGA	GGAUAGAG G AGAAUGAA	AUAGAGGA G AAUGAAUG	AGGAGAAU G AAUGGAUG	GAAUGAAU G GAUGGAAG	AAUGAAUG G AUGGAAGA	GAAUGGAU G GAAGACAA	AAUGGAUG G AAGACAAA	GGAUGGAA G ACAAAACC	ACCCCAGU G GAGAANG	
10006	10013	10020	10050	10055	10056	10066	10067	10070	10079	10093	10094	10096	10097	10099	10103	10104	10107	10114	10116	10117	10125	10126	10128	10133	10134	10145	10146	10150	10152	10153	10155	10159	10163	10164	10167	10168	10171	10185	

10188	CCAGIGGA G AAAUGGAG	7243	CUCCAUTU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCACUGG	25619
10193	GGAGAAU G GAGUGACG	7244	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25620
10194	GAGAAUG G AGUGACGU	7245	accedunagec uccege	25621
10198	G ACC	7246	UGGGACGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCAUU	25622
10213	CAUAUUCA G GAAAACGA	7247	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25623
10214	AUAUUCAG G AAAACGAG	7248	UCCGGG	25624
10220	AGGAAAAC G AGAGGACA	7249	೧୯୯୯	25625
10222	GAAAACGA G AGGACAUC	7250	acceuvagec uccege	25626
10224	AAACGAGA G GACAUCUG	7251		25627
10225	AACGAGAG G ACAUCUGG	7252	UCCCUUCAAGGA GCCGUUAGGC	25628
10232	GGACAUCU G GUGUGGCA	7253	UCCGGG	25629
10237	ucugeneu e ecaeccue	7254	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25630
10245	GGCAGCCU G AUUGGCAC	7255	accennagec ucceed	25631
10249	GCCUGAUU G GCACAAGA	7256	UCCGGG	25632
10256	UGGCACAA G AGCCCGAG	7257	accevinagec ucceed	25633
10262	G AGO	7258		25634
10271	G G	7259	UNICUGEC GGA GECEGUNAGGE UCCEUNCAAGGA GECGUNAGGE UCCGGG ACGUGGEU	25635
10272	GCCACGUG G GCAGAAAA	7260	UNINCUES GEA GCCGUVAGES UCCCUNCAAGGA GCCGUVAGGS UCCGGG CACGUGGS	25636
10276	CGUGGGCA G AAAACAUC	7261		25637
10287	AACAUCCA G GUGGCUAU	7262		25638
10290	AUCCAGGU G GCUAUCAA	7263	GCCGUUAGGC UCCGGG	25639
10307	CCAAGUCA G AGCAAUCA	7264	accennagec uccego	25640
10318	CAAUCAUC G GAGAUGAG	7265	UCCGGG	25641
10319	AAUCAUCG G AGAUGAGA	7266		25642
10321	UCAUCGGA G AUGAGAAG	7267	1	25643
10324	UCGGAGAU G AGAAGUAU	7268		25644
10326	GGAGAUGA G AAGUAUGU	7269	UCCGGG	25645
10335	AAGUAUGU G GAUUACAU	7270	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25646
10336	AGUAUGUG G AUUACAUG	7271	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25647
10344	GAUUACAU G AGUUCACU	7272	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25648
10356	UCACUAAA G AGAUAUGA	7273	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25649
10358	ACUAAAGA G AUAUGAAG	7274	GCCGUUAGGC UCCGGG	25650
10363	AGAGAUAU G AAGACACA	7275	acceuvagec uccege	25651
10366	GAUAUGAA G ACACAACU	7276	accentrage uccego	25652
10377	ACAACUUU G GUUGAGGA	7277	GCCGUUAGGC UCCGGG	25653
10381	CUUUGGUU G AGGACACA	7278	UCCGGG	25654
10383	UNGGUUGA G GACACAGU	7279	UCCGGG	25655
10384	UGGUUGAG G ACACAGUA	7280	UCCGGG	25656
10398	GUACUGUA G AUAUTUAA	7281	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25657
10420	UGUAAAUA G ACAAUAUA	7282	UAUAUUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUUUACA	25658

10467	UAUTITAGIT G GITGITTAGIT	7283	ACTIVACAC GGA GCCGUIDAGGC UCCCUICAAGGA GCCGUIDAGGC UCCGGG ACUAAAUA	25659
10488		7284	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAACUAU	25660
10497	AAAAUUUU G AGGAGAAA	7285	UUUCUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAUUUU	25661
10499	AAUUUUGA G GAGAAAGU	7286	ACTUTICUE GGA GECGUUAGGE UCCCUTICAAGGA GECGUUAGGE UCCGGG UCAAAAUU	25662
10500		7287	GACTUTICU GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG CUCAAAU	25663
10502	UNUGAGGA G AAAGUCAG	7288	CUGACUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCAAA	25664
10510	GAAAGUCA G GCCGGGAA	7289	UNCCCGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACUUUC	25665
10514	GUCAGGCC G GGAAGUUC	7290	GAACTUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCUGAC	25666
10515	UCAGGCCG G GAAGUUCC	7291	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCCUGA	25667
10516	CAGGCCGG G AAGUUCCC	7292		25668
10531	CCGCCACC G GAAGUUGA	7293		25669
10532	CGCCACCG G AAGUUGAG	7294	ceangaca	25670
10538	CGGAAGUU G AGUAGACG	7295	CGUCUACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUUCCG	25671
10543	GUUGAGUA G ACGGUGCU	7296	AGCACCEU GEA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACUCAAC	25672
10546	GAGUAGAC G GUGCUGCC	7297	GECAGCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUACUC	25673
10558	CUGCCUGC G ACUCAACC	7298		25674
10570	CAACCCCA G GAGGACUG	7299	eccennages uccage ugageuna	25675
10571	g AGG	7300	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGGGUU	25676
10573	CCCCAGGA G GACUGGGU	7301		25677
10727	CCCCAGGA G GACUGGGU	7301	uccega uccueega	25677
10574	CCCAGGAG G ACUGGGUG	7302	CACCCAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUGGG	25678
10578	валения в сепелася	7303	GCCGUUAGGC UCCGGG AGUCCUCC	25679
10579	GUG	7304		25680
10582	G AAC	7305		25681
10594	AAAGCCGC G AAGUGAUC	7306	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGGCUUU	25682
10299	CGCGAAGU G AUCCAUGU	7307	ACAUGGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUCGCG	25683
10617	AGCCCUCA G AACCGUCU	7308	ucccuucaagga gccguuaggc uccggg ugagggcu	25684
10627	ACCGUCUC G GAAGGAGG	7309	UCCGGG GAGACGGU	25685
10628	O	7310	UCCUCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAGACGG	25686
10631	UCUCGGAA G GAGGACCC	7311	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCGAGA	25687
10632	CUCGGAAG G AGGACCCC	7312	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCGAG	25688
10634	CGGAAGGA G GACCCCAC	7313		25689
10635	GGAAGGAG G ACCCCACA	7314	ucccuucaagga gccguuaggc uccggg cuccuucc	25690
10670	CAAUGUCA G ACCACGCU	7315	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACAUUG	25691
10681	o	7316	исссиисъден вссенить в пссее в пресече	25692
10696		7317	dan geceuunage ueceuucaagaa geeguunage ueeggg geagagun	25693
10697	ACUCUGCG G AGAGUGCA	7318	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAGAGU	25694
10699	UCUGCGGA G AGUGCAGU	7319	UCCGCAGA	25695
10712	CAGUCUGC G AUAGUGCC	7320	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAGACUG	25696
10724	GUGCCCCA G GAGGACUG	7321	CAGUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGGCAC	25697

25698	25699	25700	25701	25702	25703	25704	25705	25706	25707	25708	25709	. 25710	25711	25712	25713	25714	25715	25716	25717	25718	25719	25720	25721	25722	25723	25724	25725	25726	25727	25728	25729	25730	25731	25732	25733	25734	25735	25736
CUGGGGCA	സസേദഭദ	AGUCCUCC	CAGUCCUC	UUUGUUAA	асаладад	GGGGCUAG	AUUACCGG	UGGUUAAC	CUGGUUAA	GCCCUGGU	nnnceccc	cumcecc	UAGUCCUU	UCUAGUCC	UAACCUCU	UCUAACCU	CUCURACC	UCCUCUAA	всеввелс	GUGCACUU	AGGCUGGG	AGUCAGGC	UACAGCUU	UGACCUAC	CUGACCUA	CCUGACCU	CCCUGACC	unccccua	CUUCCCCU	UAGUCCUU	UCUAGUCC	ACUAACCU	CACUAACC	UCCACUAA	AAUAUGCU	AGGUGUCA	CAGGUGUC	CCAGGUGU
UCCGGG	UCCGGG			UCCGGG		DCCGGG	UCCGGG	UCCGGG	೧୯୯୯	വഠദദദ	UCCGGG	UCCGGG	ರಾದದಿಂದ		UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG		UCCGGG	UCCGGG	೧୯୯୯			ರಾಲಂತಡ	UCCGGG			UCCGGG	UCCGGG	೧୯୯୯		UCCGGG		UCCGGG
GCCGUUAGGC	accennaeac	ассвилявас	GCCGUUAGGC	GCCGUUAGGC	gccgunaggc	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	acceunaggc	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
UCCCUUCAAGGA	3 1	1 1	1 1	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	исссиисаледа	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC		GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accampage 1	GCCGUUAGGC 1	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
CCAGUCCU GGA	AACCCAGU GGA	UGUUAACC GGA	UUGUUAAC GGA	UGGUUUGC GGA	GCUAGGGC GGA	ACCAUUAC GGA	GUUAACAC GGA	CUUUCGCC GGA	ccuuncec gaa	AGUCCUUU GGA	CUCUAGUC GGA	CCUCUAGU GGA	UCUAACCU GGA	CCUCUAAC GGA	GGUCUCCU GGA		CGGGGUCU GGA	CGCGGGGU GGA	CUUUNAAAC GGA	GGCUGGGC GGA	GCUUCAGU GGA	UACAGCUU GGA	CCCCUGAC GGA	vecuvece gan	GUCCUUCC GGA	AGUCCUUC GGA	UAGUCCUU GGA	CUCUAGUC GGA	CCUCUAGU GGA	ACUAACCU GGA	CCACUAAC GGA	GGGGUCUC GGA	CGGGGUCU GGA	CACGGGGU GGA	CCAGGUGU GGA	GUCUAUCC GGA	AGUCUAUC GGA	UAGUCUAU GGA
7322	7323	7324	7325	7326	7327	7328	7329	7330	7331	7332	7333	7334	7335	7336	7337	7338	7339	7340	7341	7342	7343	7344	7345	7346	7347	7348	7349	7350	7351	7352	7353	7354	7355	7356	7357	7358	7359	7360
שטוויישטים א שמיי	o Act	GGAGGACU G GGUUAACA	CUG G GUUAACAA		CGC G GCCCUAGC	CUAGCCCC G GUAAUGGU	CCGGUAAU G GUGUUAAC	GUUAACCA G GGCGAAAG	UUAACCAG G GCGAAAGG	IGGC G AAAGGACU	O	AAG G ACUAGAGG	CUA G AGGUUAGA		AGAGGUUA G AGGAGACC	AGA G GAGACCCC	G AG	GGA G ACCCCGCG	GACCCCGC G GUUDAAG	AAGUGCAC G GCCCAGCC	SCCU G ACUGAAGC	IACU G AAGCUGUA	GUA G GUCAGGG	TUCA G GGGAAGGA	UAGGUCAG G GGAAGGAC	AGGUCAGG G GAAGGACU	GGUCAGGG G AAGGACUA	SGAA G GACUAGAG	AGGGGAAG G ACUAGAGG	AAGGACUA G AGGUUAGU	GGACUAGA G GUUAGUGG	G GAC	G AG	JEGA G ACCCCGUG	G AC	S GG	GACACCUG G GAUAGACU	ACACCUGG G AUAGACUA
וומטטטטטוו	CCCAG	GGAGG	L	L	L	L	L	L				L	AAGGACUA	L		L	L	UUAGAGGA	L	AAGUG	L	GCCUGACU	L	GUAGGUCA	L	L	L	L	L		L		L	UUAGUGGA	L	L	L	
10725	10728	10732	10733	10743	10763	10775	10781	10792	10793	10796	10800	10801	10806	10808	10813	10815	10816	10818	10826	10840	10850	10854	10863	10868	10869	10870	10871	10874	10875	10880	10882	10889	10890	10892	10931	10938	10939	10940

Table VII

10949	AUAGACUA G GAGAUCUU	7362	AAGAUCUC GGA	GCCGUUAGGC	AAGAUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGUCUAU	7 25738
10950	UAGACUAG G AGAUCUUC	7363	GAAGAUCU GGA	GCCGUUAGGC	BARGAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAGUCUA	4 25739
10952	GACUAGGA G AUCUUCUG	7364	CAGAAGAU GGA	GCCGUUAGGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUAGUC	25740
10981	AGCCACAC G GCACAGUG	7365	CACUGUGC GGA	GCCGUUAGGC	CACUGUGO GGA GCOGUUAGGO UCCOUNCAAGGA GCOGUUAGGO UCCGGG GUGUGGO	J 25741
10994	AGUGCGCC G ACAAUGGU	7366	ACCAUUGU GGA		GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCGCACU	J 25742
11000	CCGACAAU G GUGGCUGG	7367	CCAGCCAC GGA	GCCGUUAGGC 1	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGUCGG	3 25743
11003	ACAAUGGU G GCUGGUGG	7368	CCACCAGC GGA	GCCGUUAGGC	ccaccage gea geeguuagge ucceuncaagga geeguuagge uccggg accauugu	J 25744
11007	ueaueacu a aucauaca	7369	CGCACCAC GGA		GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCACCA	4 25745
11010	UGGCUGGU G GUGCGAGA	7370	UCUCGCAC GGA	GCCGUUAGGC	accountage ucconcaagea accountage uccage accageca	A 25746
11015	GGUGGUGC G AGAACACA	7371	ගයාගොයා යෙන	. GCCGUUAGGC	JOUGUNCY GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCACCACC	25747
11011	UGGUGCGA G AACACAGG	7372	ccueugun gga	GCCGUUAGGC	CCUGUGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGCACCA	A 25748

Input Sequence = AF196835. Cut Site = G/.
Arm Length = 8. Core Sequence = GGAGGAAACUCC CU UCAAGGACAUCGUCCGGGAF196835 West Nile virus strain NY99-flamingo382-99, complete genome

WO 02/068637 PCT/US01/48350

WO 02/068637

Table VIII

Table VIII: WNV minus strand Hammerhead Ribozyme and Target Sequence

Pos	Pos	Substrate	Seq ID	Ribozyme	Rz Seg
}	(+str		}		ID
<u></u>)	<u> </u>			
12	11018	UCCUGUGU U CUCGCACC	7373	GGUGCGAG CUGAUGAG GCCGUUAGGC CGAA ACACAGGA	25749
13	11017	CCUGUGUU C UCGCACCA	7374	UGGUGCGA CUGAUGAG GCCGUUAGGC CGAA AACACAGG	25750
15	11015	UGUGUUCU C GCACCACC	7375	GGUGGUGC CUGAUGAG GCCGUUAGGC CGAA AGAACACA	25751
33	10997	GCCACCAU U GUCGGCGC	7376	GCGCCGAC CUGAUGAG GCCGUUAGGC CGAA AUGGUGGC	25752
36	10994	ACCAUUGU C GGCGCACU	7377	AGUGCGCC CUGAUGAG GCCGUUAGGC CGAA ACAAUGGU	25753
61	10969	UGGCUGGU U GUGCAGAG	7378	CUCUGCAC CUGAUGAG GCCGUUAGGC CGAA ACCAGCCA	25754
78	10952	CAGAAGAU C UCCUAGUC	7379	GACUAGGA CUGAUGAG GCCGUUAGGC CGAA AUCUUCUG	25755
80	10950	GAAGAUCU C CUAGUCUA	7380	UAGACUAG CUGAUGAG GCCGUUAGGC CGAA AGAUCUUC	25756
83	10947	GAUCUCCU A GUCUAUCC	7381	GGAUAGAC CUGAUGAG GCCGUUAGGC CGAA AGGAGAUC	25757
86	10944	CUCCUAGU C UAUCCCAG	7382	CUGGGAUA CUGAUGAG GCCGUUAGGC CGAA ACUAGGAG	25758
88	10942	CCUAGUCU A UCCCAGGU	7383	ACCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGACUAGG	25759
90	10940	UAGUCUAU C CCAGGUGU	7384	ACACCUGG CUGAUGAG GCCGUUAGGC CGAA AUAGACUA	25760
99	10931	CCAGGUGU C AAUAUGCU	7385	AGCAUAUU CUGAUGAG GCCGUUAGGC CGAA ACACCUGG	25761
103	10927	GUGUCAAU A UGCUGUUU	7386	AAACAGCA CUGAUGAG GCCGUUAGGC CGAA AUUGACAC	25762
110	10920	UAUGCUGU U UUGUUGUG	7387	CACAACAA CUGAUGAG GCCGUUAGGC CGAA ACAGCAUA	25763
111	10919	AUGCUGUU U UGUUGUGG	7388	CCACAACA CUGAUGAG GCCGUUAGGC CGAA AACAGCAU	25764
112	10918	UGCUGUUU U GUUGUGGU	7389	ACCACAAC CUGAUGAG GCCGUUAGGC CGAA AAACAGCA	25765
115	10915	UGUUUUGU U GUGGUGUU	7390	AACACCAC CUGAUGAG GCCGUUAGGC CGAA ACAAAACA	25766
123	10907	UGUGGUGU U UUGUGGCA	7391	UGCCACAA CUGAUGAG GCCGUUAGGC CGAA ACACCACA	25767
124	10906	GUGGUGUU U UGUGGCAC	7392	GUGCCACA CUGAUGAG GCCGUUAGGC CGAA AACACCAC	25768
125	10905	UGGUGUUU U GUGGCACG	7393	CGUGCCAC CUGAUGAG GCCGUUAGGC CGAA AAACACCA	25769
138	10892	CACGGGGU C UCCACUAA	7394	UUAGUGGA CUGAUGAG GCCGUUAGGC CGAA ACCCCGUG	25770
140	10890	CGGGGUCU C CACUAACC	7395	GGUUAGUG CUGAUGAG GCCGUUAGGC CGAA AGACCCCG	25771
145	10885	UCUCCACU A ACCUCUAG	7396	CUAGAGGU CUGAUGAG GCCGUUAGGC CGAA AGUGGAGA	25772
150	10880	ACUAACCU C UAGUCCUU	7397	AAGGACUA CUGAUGAG GCCGUUAGGC CGAA AGGUUAGU	25773
152	10878	UAACCUCU A GUCCUUCC	7398	GGAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA	25774
155	10875	CCUCUAGU C CUUCCCCU	7399	AGGGGAAG CUGAUGAG GCCGUUAGGC CGAA ACUAGAGG	25775
158	10872	CUAGUCCU U CCCCUGAC	7400	GUCAGGG CUGAUGAG GCCGUUAGGC CGAA AGGACUAG	25776
159	10871	UAGUCCUU C CCCUGACC	7401	GGUCAGGG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA	25777
169	10861	CCUGACCU A CAGCUUCA	7402	UGAAGCUG CUGAUGAG GCCGUUAGGC CGAA AGGUCAGG	25778
175	10855	CUACAGCU U CAGUCAGG	7403	CCUGACUG CUGAUGAG GCCGUUAGGC CGAA AGCUGUAG	25779
176	10854	UACAGCUU C AGUCAGGC	7404	GCCUGACU CUGAUGAG GCCGUUAGGC CGAA AAGCUGUA	25780
180	10850	GCUUCAGU C AGGCUGGG	7405	CCCAGCCU CUGAUGAG GCCGUUAGGC CGAA ACUGAAGC	25781
198	10832	CGUGCACU U UAAACCGC GUGCACUU U AAACCGCG	7406	GCGGUUUA CUGAUGAG GCCGUUAGGC CGAA AGUGCACG CGCGGUUU CUGAUGAG GCCGUUAGGC CGAA AAGUGCAC	25782
200	10831	UGCACUUU A AACCGCGG	7408		
212	10818	CGCGGGGU C UCCUCUAA	7409	CCGCGGUU CUGAUGAG GCCGUUAGGC CGAA AAAGUGCA UUAGAGGA CUGAUGAG GCCGUUAGGC CGAA ACCCCGCG	25784
214	10816	CGGGGUCU C CUCUAACC	7410	GGUUAGAG CUGAUGAG GCCGUUAGGC CGAA ACCCCGCG	25785
217	10813	GGUCUCCU C UAACCUCU	7411	AGAGGUUA CUGAUGAG GCCGUUAGGC CGAA AGACCCCG	25787
219	10811	UCUCCUCU A ACCUCUAG	7412	CUAGAGGU CUGAUGAG GCCGUUAGGC CGAA AGAGGAGA	25788
224	10806	UCUAACCU C UAGUCCUU	7413	AAGGACUA CUGAUGAG GCCGUUAGGC CGAA AGGUUAGA	25789
226	10804	UAACCUCU A GUCCUUUC	7414	GAAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA	25790
229	10801	CCUCUAGU C CUUUCGCC	7415	GGCGAAAG CUGAUGAG GCCGUUAGGC CGAA ACUAGAGG	25791
232	10798	CUAGUCCU U UCGCCCUG	7416	CAGGGCGA CUGAUGAG GCCGUUAGGC CGAA AGGACUAG	25792
233	10797	UAGUCCUU U CGCCCUGG	7417	CCAGGGCG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA	25793
234	10796	AGUCCUUU C GCCCUGGU	7418	ACCAGGGC CUGAUGAG GCCGUUAGGC CGAA AAAGGACU	
243	10787	GCCCUGGU U AACACCAU	7419	AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC	25794
244	10786	CCCUGGUU A ACACCAUU	7420	AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA ACCAGGG AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA AACCAGGG	25795
252	10778	AACACCAU U ACCGGGGC	7421	GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU	25796 25797
253	10777	ACACCAUU A CCGGGGCU	7422	AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AAUGGUGU	25798
262	10768	CCGGGGCU A GGGCCGCG	7423	CGCGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG	25799
279	10751	UGGGGCGU U GGUUUGCC	7424	GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA	+
283	10747	GCGUUGGU U UGCCUUUG	7425	CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC	25800
284	10746	CGUUGGUU U GCCUUUGU	7426	ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA ACCAACGC	25801
289	10741	GUUUGCCU U UGUUAACC	7427	GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AACCAACG	25802
290	10741	UUUGCCUU U GUUAACCC	7428	GGGUUAACA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAAC GGGUUAAC CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA	25803
293	10737	GCCUUUGU U AACCCAGU	7429	ACUGGGUU CUGAUGAG GCCGUUAGGC CGAA ACAAAGGC	25804
	12/3/	CCCCCCC O AACCCAGO	1363	ACCOGGOO COGAGGAGGC CGAA ACAAAGGC	25805

		,00007	Tabl	e VIII	
294	10736	CCUUUGUU A ACCCAGUC	7430	GACUGGGU CUGAUGAG GCCGUUAGGC CGAA AACAAAGG	25806
302	10728	AACCCAGU C CUCCUGGG	7431	CCCAGGAG CUGAUGAG GCCGUUAGGC CGAA ACUGGGUU	25807
305	10725	CCAGUCCU C CUGGGGCA	7432	UGCCCCAG CUGAUGAG GCCGUUAGGC CGAA AGGACUGG	25808
316	10714	GGGGCACU A UCGCAGAC	7433	GUCUGCGA CUGAUGAG GCCGUUAGGC CGAA AGUGCCCC	25809
318	10712	GGCACUAU C GCAGACUG	7434	CAGUCUGC CUGAUGAG GCCGUUAGGC CGAA AUAGUGCC	25810
331	10699	ACUGCACU C UCCGCAGA	7435	UCUGCGGA CUGAUGAG GCCGUUAGGC CGAA AGUGCAGU	25811
333	10697	UGCACUCU C CGCAGAGU	7436	ACUCUGCG CUGAUGAG GCCGUUAGGC CGAA AGAGUGCA	25812
342	10688	CGCAGAGU A GCACGCCG	7437	CGGCGUGC CUGAUGAG GCCGUUAGGC CGAA ACUCUGCG	25813
352	10678	CACGCCGU A GCGUGGUC	7438	GACCACGC CUGAUGAG GCCGUUAGGC CGAA ACGGCGUG	25814
		AGCGUGGU C UGACAUUG	7439	CAAUGUCA CUGAUGAG GCCGUUAGGC CGAA ACCACGCU	25815
360	10670			CAAGGCC CUGAUGAG GCCGUUAGGC CGAA AUGUCAGA	25816
367	10663	UCUGACAU U GGGCUUUG	7440		25817
373	10657	AUUGGGCU U UGAAGUUA	7441	UAACUUCA CUGAUGAG GCCGUUAGGC CGAA AGCCCAAU	
374	10656	UUGGGCUU U GAAGUUAC	7442	GUAACUUC CUGAUGAG GCCGUUAGGC CGAA AAGCCCAA	25818
380	10650	UUUGAAGU U ACAACAUG	7443	CAUGUUGU CUGAUGAG GCCGUUAGGC CGAA ACUUCAAA	25819
381	10649	UUGAAGUU A CAACAUGU	7444	ACAUGUUG CUGAUGAG GCCGUUAGGC CGAA AACUUCAA	25820
395	10635	ugugggu c cuccuucc	7445	GGAAGGAG CUGAUGAG GCCGUUAGGC CGAA ACCCCACA	25821
398	10632	GGGGUCCU C CUUCCGAG	7446	CUCGGAAG CUGAUGAG GCCGUUAGGC CGAA AGGACCCC	25822
401	10629	GUCCUCCU U CCGAGACG	7447	CGUCUCGG CUGAUGAG GCCGUUAGGC CGAA AGGAGGAC	25823
402	10628	UCCUCCUU C CGAGACGG	7448	CCGUCUCG CUGAUGAG GCCGUUAGGC CGAA AAGGAGGA	25824
412	10618	GAGACGGU U CUGAGGGC	7449	GCCCUCAG CUGAUGAG GCCGUUAGGC CGAA ACCGUCUC	25825
413	10617	AGACGGUU C UGAGGGCU	7450	AGCCCUCA CUGAUGAG GCCGUUAGGC CGAA AACCGUCU	25826
422	10608	UGAGGGCU U ACAUGGAU	7451	AUCCAUGU CUGAUGAG GCCGUUAGGC CGAA AGCCCUCA	25827
423	10607	GAGGGCUU A CAUGGAUC	7452	GAUCCAUG CUGAUGAG GCCGUUAGGC CGAA AAGCCCUC	25828
431	10599	ACAUGGAU C ACUUCGCG	7453	CGCGAAGU CUGAUGAG GCCGUUAGGC CGAA AUCCAUGU	25829
435	10595	GGAUCACU U CGCGGCUU	7454	AAGCCGCG CUGAUGAG GCCGUUAGGC CGAA AGUGAUCC	25830
436	10594	GAUCACUU C GCGGCUUU	7455	AAAGCCGC CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC	25831
443	10587	UCGCGGCU U UGUUCACC	7456	GGUGAACA CUGAUGAG GCCGUUAGGC CGAA AGCCGCGA	25832
444	10586	CGCGGCUU U GUUCACCC	7457	GGGUGAAC CUGAUGAG GCCGUUAGGC CGAA AAGCCGCG	25833
447	10583	GGCUUUGU U CACCCAGU	7458	ACUGGGUG CUGAUGAG GCCGUUAGGC CGAA ACAAAGCC	25834
448	10582	GCUUUGUU C ACCCAGUC	7459	GACUGGGU CUGAUGAG GCCGUUAGGC CGAA AACAAAGC	25835
456	10574	CACCCAGU C CUCCUGGG	7460	CCCAGGAG CUGAUGAG GCCGUUAGGC CGAA ACUGGGUG	25836
459	10571	CCAGUCCU C CUGGGGUU	7461	AACCCCAG CUGAUGAG GCCGUUAGGC CGAA AGGACUGG	25837
467	10563	CCUGGGGU U GAGUCGCA	7462	UGCGACUC CUGAUGAG GCCGUUAGGC CGAA ACCCCAGG	25838
472	10558	GGUUGAGU C GCAGGCAG	7463	CUGCCUGC CUGAUGAG GCCGUUAGGC CGAA ACUCAACC	25839
487	10543	AGCACCGU C UACUCAAC	7464	GUUGAGUA CUGAUGAG GCCGUUAGGC CGAA ACGGUGCU	25840
489	10541	CACCGUCU A CUCAACUU	7465	AAGUUGAG CUGAUGAG GCCGUUAGGC CGAA AGACGGUG	25841
492	10538	CGUCUACU C AACUUCCG	7466	CGGAAGUU CUGAUGAG GCCGUUAGGC CGAA AGUAGACG	25842
497	10533	ACUCAACU U CCGGUGGC	7467	GCCACCGG CUGAUGAG GCCGUUAGGC CGAA AGUUGAGU	25843
498	10532	CUCAACUU C CGGUGGCG	7468	CGCCACCG CUGAUGAG GCCGUUAGGC CGAA AAGUUGAG	25844
513	10517	CGGGAACU U CCCGGCCU	7469	AGGCCGGG CUGAUGAG GCCGUUAGGC CGAA AGUUCCCG	25845
514	10516	GGGAACUU C CCGGCCUG	7470	CAGGCCGG CUGAUGAG GCCGUUAGGC CGAA AAGUUCCC	25846
526	10504	GCCUGACU U UCUCCUCA	7471	UGAGGAGA CUGAUGAG GCCGUUAGGC CGAA AGUCAGGC	25847
527	10503		7472	UUGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAGUCAGG	25848
528	10503	CUGACUUU C UCCUCAAA	7473	UUUGAGGA CUGAUGAG GCCGUUAGGC CGAA AAAGUCAG	25849
530	10500		7474	AUUUUGAG CUGAUGAG GCCGUUAGGC CGAA AGAAAGUC	25850
533	10497		7475	AAAAUUUU CUGAUGAG GCCGUUAGGC CGAA AGGAGAAA	25850
539	+	CUCAAAAU U UUCUUAAC		GUUAAGAA CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG	
540	10491		7476		25852
	10490		7477	AGUUAAGA CUGAUGAG GCCGUUAGGC CGAA AAUUUUGA	25853
541	10489		7478	UAGUUAAG CUGAUGAG GCCGUUAGGC CGAA AAAUUUUG	25854
542	10488		7479	AUAGUUAA CUGAUGAG GCCGUUAGGC CGAA AAAAUUUU	25855
544	10486	AAUUUUCU U AACUAUUU	7480	AAAUAGUU CUGAUGAG GCCGUUAGGC CGAA AGAAAAUU	25856
545	10485		7481	UAAAUAGU CUGAUGAG GCCGUUAGGC CGAA AAGAAAAU	25857
549	10481		7482	AGUGUAAA CUGAUGAG GCCGUUAGGC CGAA AGUUAAGA	25858
551	10479		7483	UUAGUGUA CUGAUGAG GCCGUUAGGC CGAA AUAGUUAA	25859
552	10478	UAACUAUU U ACACUAAC	7484	GUUAGUGU CUGAUGAG GCCGUUAGGC CGAA AAUAGUUA	25860
553	10477		7485	UGUUAGUG CUGAUGAG GCCGUUAGGC CGAA AAAUAGUU	25861
558	10472		7486	AGUGGUGU CUGAUGAG GCCGUUAGGC CGAA AGUGUAAA	25862
567	10463		7487	GUAGUAUU CUGAUGAG GCCGUUAGGC CGAA AGUGGUGU	25863
571	10459	CACUAAAU A CUACUAUA	7488	UAUAGUAG CUGAUGAG GCCGUUAGGC CGAA AUUUAGUG	25864
574	10456		7489	UUUUAUAG CUGAUGAG GCCGUUAGGC CGAA AGUAUUUA	25865
577	10453	AUACUACU A UAAAACUA	7490	UAGUUUUA CUGAUGAG GCCGUUAGGC CGAA AGUAGUAU	25866
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816 10214 CUCGUUUU C CUGAAUAU 7554	AUAUUCAG CUGAUGAG GCCGUUAGGC CGAA AAAACGAG 25930
823 10207 UCCUGAAU A UGGGACGU 7555	ACGUCCCA CUGAUGAG GCCGUUAGGC CGAA AUUCAGGA 25931
832 10198 UGGGACGU C ACUCCAUU 7556	AAUGGAGU CUGAUGAG GCCGUUAGGC CGAA ACGUCCCA 25932
836 10194 ACGUCACU C CAUUUCUC 7557	GAGAAAUG CUGAUGAG GCCGUUAGGC CGAA AGUGACGU 25933
840 10190 CACUCCAU U UCUCCACU 7558	AGUGGAGA CUGAUGAG GCCGUUAGGC CGAA AUGGAGUG 25934
841 10189 ACUCCAUU U CUCCACUG 7559	CAGUGGAG CUGAUGAG GCCGUUAGGC CGAA AAUGGAGU 25935
842 10188 CUCCAUUU C UCCACUGG 7560	CCAGUGGA CUGAUGAG GCCGUUAGGC CGAA AAAUGGAG 25936
844 10186 CCAUUUCU C CACUGGGG 7561	CCCCAGUG CUGAUGAG GCCGUUAGGC CGAA AGAAAUGG 25937
854 10176 ACUGGGGU U UUGUCUUC 7562	GAAGACAA CUGAUGAG GCCGUUAGGC CGAA ACCCCAGU 25938
855 10175 CUGGGGUU U UGUCUUCC 7563	GGAAGACA CUGAUGAG GCCGUUAGGC CGAA AACCCCAG 25939
856 10174 UGGGGUUU U GUCUUCCA 7564	UGGAAGAC CUGAUGAG GCCGUUAGGC CGAA AAACCCCA 25940
859 10171 GGUUUUGU C UUCCAUCC 7565	GGAUGGAA CUGAUGAG GCCGUUAGGC CGAA ACAAAACC 25941 AUGGAUGG CUGAUGAG GCCGUUAGGC CGAA AGACAAAA 25942
861 10169 UUUUGUCU U CCAUCCAU 7566 862 10168 UUUGUCUU C CAUCCAUU 7567	AUGGAUGG CUGAUGAG GCCGUUAGGC CGAA AGACAAAA 25942 AAUGGAUG CUGAUGAG GCCGUUAGGC CGAA AAGACAAA 25943
	AAUGAAUG CUGAUGAG GCCGUUAGGC CGAA AAGACAAA 25944 AAUGAAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAAGA 25944
866 10164 UCUUCCAU C CAUUCAUU 7568 870 10160 CCAUCCAU U CAUUCUCC 7569	GGAGAAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAUGG 25945
871 10159 CAUCCAUU C AUUCUCCU 7570	AGGAGAAU CUGAUGAG GCCGUUAGGC CGAA AAUGGAUG 25946
874 10156 CCAUUCAU U CUCCUCUA 7571	UAGAGGAG CUGAUGAG GCCGUUAGGC CGAA AUGAAUGG 25947
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877 10153 UUCAUUCU C CUCUAUCC 7573	GGAUAGAG CUGAUGAG GCCGUUAGGC CGAA AGAAUGAA 25949
880 10150 AUUCUCCU C UAUCCAAA 7574	UUUGGAUA CUGAUGAG GCCGUUAGGC CGAA AGGAGAAU 25950
882 10148 UCUCCUCU A UCCAAACA 7575	UGUUUGGA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGA 25951
884 10146 UCCUCUAU C CAAACACG 7576	CGUGUUUG CUGAUGAG GCCGUUAGGC CGAA AUAGAGGA 25952
895 10135 AACACGGU U CCAGACCU 7577	AGGUCUGG CUGAUGAG GCCGUUAGGC CGAA ACCGUGUU 25953
896 10134 ACACGGUU C CAGACCUC 7578	GAGGUCUG CUGAUGAG GCCGUUAGGC CGAA AACCGUGU 25954
904 10126 CCAGACCU C CAACAUGU 7579	ACAUGUUG CUGAUGAG GCCGUUAGGC CGAA AGGUCUGG 25955
913 10117 CAACAUGU C CUCUGUUG 7580	CAACAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUGUUG 25956
916 10114 CAUGUCCU C UGUUGUCA 7581	UGACAACA CUGAUGAG GCCGUUAGGC CGAA AGGACAUG 25957
920 10110 UCCUCUGU U GUCAUCCA 7582	UGGAUGAC CUGAUGAG GCCGUUAGGC CGAA ACAGAGGA 25958
923 10107 UCUGUUGU C AUCCACUC 7583	GAGUGGAU CUGAUGAG GCCGUUAGGC CGAA ACAACAGA 25959
926 10104 GUUGUCAU C CACUCUCC 7584	GGAGAGUG CUGAUGAG GCCGUUAGGC CGAA AUGACAAC 25960
931 10099 CAUCCACU C UCCUCCUG 7585 933 10097 UCCACUCU C CUCCUGCA 7586***	CAGGAGGA CUGAUGAG GCCGUUAGGC CGAA AGAGUGGA 25961 UGCAGGAG CUGAUGAG GCCGUUAGGC CGAA AGAGUGGA 25962
933 10097 UCCACUCU C CUCCUGCA 7586*** 936 10094 ACUCUCCU C CUGCAUGG 7587	CCAUGCAG CUGAUGAG GCCGUUAGGC CGAA AGGAGAGU 25963
959 10071 CACGUGGU U CUUCCGGU 7588	ACCGGAAG CUGAUGAG GCCGUUAGGC CGAA ACCACGUG 25964
960 10070 ACGUGGUU C UUCCGGUA 7589	UACCGGAA CUGAUGAG GCCGUUAGGC CGAA AACCACGU 25965
962 10068 GUGGUUCU U CCGGUAGG 7590	CCUACCGG CUGAUGAG GCCGUUAGGC CGAA AGAACCAC 25966
963 10067 UGGUUCUU C CGGUAGGG 7591	CCCUACCG CUGAUGAG GCCGUUAGGC CGAA AAGAACCA 25967
968 10062 CUUCCGGU A GGGACCCA 7592	UGGGUCCC CUGAUGAG GCCGUUAGGC CGAA ACCGGAAG 25968
979 10051 GACCCAAU U CACAGGGA 7593	UCCCUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGGGUC 25969
980 10050 ACCCAAUU C ACAGGGAC 7594	GUCCCUGU CUGAUGAG GCCGUUAGGC CGAA AAUUGGGU 25970
1006 10024 AAUGGCGU U GGCCAUGA 7595	UCAUGGCC CUGAUGAG GCCGUUAGGC CGAA ACGCCAUU 25971
1024 10006 CCGCAGGU C UCUUCUGU 7596	ACAGAAGA CUGAUGAG GCCGUUAGGC CGAA ACCUGCGG 25972
1026 10004 GCAGGUCU C UUCUGUGG 7597	CCACAGAA CUGAUGAG GCCGUUAGGC CGAA AGACCUGC 25973
1028 10002 AGGUCUCU U CUGUGGAA 7598	UUCCACAG CUGAUGAG GCCGUUAGGC CGAA AGAGACCU 25974
1029 10001 GGUCUCUU C UGUGGAAG 7599	CUUCCACA CUGAUGAG GCCGUUAGGC CGAA AAGAGACC 25975
1039 9991 GUGGAAGU A CAGAAGCA 7600	UGCUUCUG CUGAUGAG GCCGUUAGGC CGAA ACUUCCAC 25976
1055 9975 AGCCACAU C UGGGCAUA 7601 1063 9967 CUGGGCAU A AGACUUAG 7602	UAUGCCCA CUGAUGAG GCCGUUAGGC CGAA AUGUGGCU 25977 CUAAGUCU CUGAUGAG GCCGUUAGGC CGAA AUGCCCAG 25978
1069 9961 AUAAGACU U AGCCAGAC 7603	GUCUGGCU CUGAUGAG GCCGUUAGGC CGAA AUGCCCAG 25978 GUCUGGCU CUGAUGAG GCCGUUAGGC CGAA AGUCUUAU 25979
1070 9960 UAAGACUU A GCCAGACA 7603	UGUCUGGC CUGAUGAG GCCGUUAGGC CGAA AGUCUUA 25980
1087 9943 AGCAGUGU C GCGGACGU 7605	ACGUCCGC CUGAUGAG GCCGUUAGGC CGAA ACACUGCU 25981
1096 9934 GCGGACGU U CCAUCCGG 7606	CCGGAUGG CUGAUGAG GCCGUUAGGC CGAA ACGUCCGC 25982
1097 9933 CGGACGUU C CAUCCGGC 7607	GCCGGAUG CUGAUGAG GCCGUUAGGC CGAA AACGUCCG 25983
1101 9929 CGUUCCAU C CGGCCCCU 7608	AGGGGCCG CUGAUGAG GCCGUUAGGC CGAA AUGGAACG 25984
1116 9914 CUGGAGAU A UGCGAGCU 7609	AGCUCGCA CUGAUGAG GCCGUUAGGC CGAA AUCUCCAG 25985
1125 9905 UGCGAGCU C UGCCUACC 7610	GGUAGGCA CUGAUGAG GCCGUUAGGC CGAA AGCUCGCA 25986
1131 9899 CUCUGCCU A CCAAUUCA 7611	UGAAUUGG CUGAUGAG GCCGUUAGGC CGAA AGGCAGAG 25987
1137 9893 CUACCAAU U CAUCCUGU 7612	ACAGGAUG CUGAUGAG GCCGUUAGGC CGAA AUUGGUAG 25988
1138 9892 UACCAAUU C AUCCUGUC 7613	GACAGGAU CUGAUGAG GCCGUUAGGC CGAA AAUUGGUA 25989
1141 9889 CAAUUCAU C CUGUCCUC 7614	GAGGACAG CUGAUGAG GCCGUUAGGC CGAA AUGAAUUG 25990
1146 9884 CAUCCUGU C CUCGGCAU 7615	AUGCCGAG CUGAUGAG GCCGUUAGGC CGAA ACAGGAUG 25991

PCT/US01/48350 WO 02/068637 Table VIII CCUGUCCU C GGCAUGGA UCCAUGCC CUGAUGAG GCCGUUAGGC CGAA AGGACAGG GAUGGAAG CUGAUGAG GCCGUUAGGC CGAA ACACUGGU ACCAGUGU U CUUCCAUC CCAGUGUU C UUCCAUCU 761B AGAUGGAA CUGAUGAG GCCGUUAGGC CGAA AACACUGG AGUGUUCU U CCAUCUUU AAAGAUGG CUGAUGAG GCCGUUAGGC CGAA AGAACACU GAAAGAUG CUGAUGAG GCCGUUAGGC CGAA AAGAACAC GUGUUCUU C CAUCUUUC UCAUGAAA CUGAUGAG GCCGUUAGGC CGAA AUGGAAGA UCUUCCAU C UUUCAUGA UUCCAUCU U UCAUGAUC GAUCAUGA CUGAUGAG GCCGUUAGGC CGAA AGAUGGAA UGAUCAUG CUGAUGAG GCCGUUAGGC CGAA AAGAUGGA UCCAUCUU U CAUGAUCA UUGAUCAU CUGAUGAG GCCGUUAGGC CGAA AAAGAUGG CCAUCUUU C AUGAUCAA ACUGAAUU CUGAUGAG GCCGUUAGGC CGAA AUCAUGAA UUCAUGAU C AAUUCAGU UUUCACUG CUGAUGAG GCCGUUAGGC CGAA AUUGAUCA UGAUCAAU U CAGUGAAA AUUUCACU CUGAUGAG GCCGUUAGGC CGAA AAUUGAUC GAUCAAUU C AGUGAAAU UUUGCUCA CUGAUGAG GCCGUUAGGC CGAA ACCAUUUC GAAAUGGU U UGAGCAAA UUUUGCUC CUGAUGAG GCCGUUAGGC CGAA AACCAUUU AAAUGGUU U GAGCAAAA GAUGGUAU CUGAUGAG GCCGUUAGGC CGAA AUUGGCAG CUGCCAAU C AUACCAUC CUGGAUGG CUGAUGAG GCCGUUAGGC CGAA AUGAUUGG CCAAUCAU A CCAUCCAG GUCAACUG CUGAUGAG GCCGUUAGGC CGAA AUGGUAUG CAUACCAU C CAGUUGAC AAACCGUC CUGAUGAG GCCGUUAGGC CGAA ACUGGAUG CAUCCAGU U GACGGUUU AGAGUGGA CUGAUGAG GCCGUUAGGC CGAA ACCGUCAA UUGACGGU U UCCACUCU AAGAGUGG CUGAUGAG GCCGUUAGGC CGAA AACCGUCA UGACGGUU U CCACUCUU CAAGAGUG CUGAUGAG GCCGUUAGGC CGAA AAACCGUC GACGGUUU C CACUCUUG ACAUCCAA CUGAUGAG GCCGUUAGGC CGAA AGUGGAAA UUUCCACU C UUGGAUGU AGACAUCC CUGAUGAG GCCGUUAGGC CGAA AGAGUGGA UCCACUCU U GGAUGUCU UUGGAUGU C UUUGCGAA UUCGCAAA CUGAUGAG GCCGUUAGGC CGAA ACAUCCAA GGUUCGCA CUGAUGAG GCCGUUAGGC CGAA AGACAUCC GGAUGUCU U UGCGAACC GAUGUCUU U GCGAACCU AGGUUCGC CUGAUGAG GCCGUUAGGC CGAA AAGACAUC CUAUGUCA CUGAUGAG GCCGUUAGGC CGAA AGGUUCGC GCGAACCU U UGACAUAG CGAACCUU U GACAUAGC GCUAUGUC CUGAUGAG GCCGUUAGGC CGAA AAGGUUCG UUUGACAU A GCAUUGAG CUCAAUGC CUGAUGAG GCCGUUAGGC CGAA AUGUCAAA CAUAGCAU U GAGGAAGU ACUUCCUC CUGAUGAG GCCGUUAGGC CGAA AUGCUAUG CCCUGGAC CUGAUGAG GCCGUUAGGC CGAA AUCGCUUU AAAGCGAU C GUCCAGGG AGCCCCUG CUGAUGAG GCCGUUAGGC CGAA ACGAUCGC GCGAUCGU C CAGGGGCU GUGUGGUA CUGAUGAG GCCGUUAGGC CGAA AGCCCCUG CAGGGGCU U UACCACAC UGUGUGGU CUGAUGAG GCCGUUAGGC CGAA AAGCCCCU AGGGGCUU U ACCACACA GGGGCUUU A CCACACAG CUGUGUGG CUGAUGAG GCCGUUAGGC CGAA AAAGCCCC CACACAGU C AUCUCCAC GUGGAGAU CUGAUGAG GCCGUUAGGC CGAA ACUGUGUG UCAGUGGA CUGAUGAG GCCGUUAGGC CGAA AUGACUGU ACAGUCAU C UCCACUGA UGUCAGUG CUGAUGAG GCCGUUAGGC CGAA AGAUGACU AGUCAUCU C CACUGACA GGAAGAAA CUGAUGAG GCCGUUAGGC CGAA ACUCAGCC GGCUGAGU C UUUCUUCC GGGGAAGA CUGAUGAG GCCGUUAGGC CGAA AGACUCAG CUGAGUCU U UCUUCCCC UGGGGAAG CUGAUGAG GCCGUUAGGC CGAA AAGACUCA UGAGUCUU U CUUCCCCA AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA AAAGACUC GAGUCUUU C UUCCCCAU GUCUUUCU U CCCCAUUC GAAUGGG CUGAUGAG GCCGUUAGGC CGAA AGAAAGAC UCUUUCUU C CCCAUUCU AGAAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGAAAGA UUCCCCAU U CUCAAACA UGUUUGAG CUGAUGAG GCCGUUAGGC CGAA AUGGGGAA CUGUUUGA CUGAUGAG GCCGUUAGGC CGAA AAUGGGGA UCCCCAUU C UCAAACAG GGCUGUUU CUGAUGAG GCCGUUAGGC CGAA AGAAUGGG CCCAUUCU C AAACAGCC AGCCAGGU C CUGACUUU AAAGUCAG CUGAUGAG GCCGUUAGGC CGAA ACCUGGCU AGGACCCA CUGAUGAG GCCGUUAGGC CGAA AGUCAGGA UCCUGACU U UGGGUCCU AAGGACCC CUGAUGAG GCCGUUAGGC CGAA AAGUCAGG CCUGACUU U GGGUCCUU AGGGAAAG CUGAUGAG GCCGUUAGGC CGAA ACCCAAAG CUUUGGGU C CUUUCCCU UGGGUCCU U UCCCUUUU AAAAGGGA CUGAUGAG GCCGUUAGGC CGAA AGGACCCA GGGUCCUU U CCCUUUUG CAAAAGGG CUGAUGAG GCCGUUAGGC CGAA AAGGACCC GGUCCUUU C CCUUUUGU ACAAAAGG CUGAUGAG GCCGUUAGGC CGAA AAAGGACC CUUUCCCU U UUGUGAGU ACUCACAA CUGAUGAG GCCGUUAGGC CGAA AGGGAAAG UUUCCCUU U UGUGAGUU AACUCACA CUGAUGAG GCCGUUAGGC CGAA AAGGGAAA

AAACUCAC CUGAUGAG GCCGUUAGGC CGAA AAAGGGAA

UGUGGAGA CUGAUGAG GCCGUUAGGC CGAA ACUCACAA

AUGUGGAG CUGAUGAG GCCGUUAGGC CGAA AACUCACA

GAUGUGGA CUGAUGAG GCCGUUAGGC CGAA AAACUCAC

AUGAUGUG CUGAUGAG GCCGUUAGGC CGAA AGAAACUC

GCCCAGAU CUGAUGAG GCCGUUAGGC CGAA AUGUGGAG

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1447	9583	CACAUCAU C UGGGCCAA	7678		CUGAUGAG	GCCGUUAGGC	CGAA	AUGAUGUG	26054
1457	9573	GGGCCAAU C ACUCCUUC	7679	GAAGGAGU C	CUGAUGAG	GCCGUUAGGC	CGAA	AUUGGCCC	26055
1461	9569	CAAUCACU C CUUCCCCU	7680			GCCGUUAGGC			26056
1464	9566	UCACUCCU U CCCCUUCC	7681			GCCGUUAGGC			26057
		CACUCCUU C CCCUUCCA	7682			GCCGUUAGGC			26058
1465	9565								
1470	9560	CUUCCCCU U CCAUCAUC	7683			GCCGUUAGGC			26059
1471	9559	UUCCCCUU C CAUCAUCC	7684			GCCGUUAGGC			26060
1475	9555	CCUUCCAU C AUCCUCAC	7685			GCCGUUAGGC			26061
1478	9552	UCCAUCAU C CUCACCAG	7686			GCCGUUAGGC			26062
1481	9549	AUCAUCCU C ACCAGCUG	7687	CAGCUGGU C	CUGAUGAG	GCCGUUAGGC	CGAA	AGGAUGAU	26063
1501	9529	GGCCAGGU U GGUGAAAG	7688	CUUUCACC C	CUGAUGAG	GCCGUUAGGC	CGAA	ACCUGGCC	26064
1513	9517	GAAAGUGU U UAGGGCGU	7689	ACGCCCUA C	CUGAUGAG	GCCGUUAGGC	CGAA	ACACUUUC	26065
1514	9516	AAAGUGUU U AGGGCGUA	7690	UACGCCCU (CUGAUGAG	GCCGUUAGGC	CGAA	AACACUUU	26066
1515	9515	AAGUGUUU A GGGCGUAG	7691	CUACGCCC C	CUGAUGAG	GCCGUUAGGC	CGAA	AAACACUU	26067
1522	9508	UAGGGCGU A GGUGACAA	7692	UUGUCACC C	CUGAUGAG	GCCGUUAGGC	CGAA	ACGCCCUA	26068
1533	9497	UGACAACU U GUCCACUC	7693			GCCGUUAGGC			26069
1536	9494	CAACUUGU C CACUCCCC	7694			GCCGUUAGGC			26070
	9489	UGUCCACU C CCCCUCUG	7695			GCCGUUAGGC			26071
1541			7696			GCCGUUAGGC			26072
1547	9483	CUCCCCCU C UGAUCUUC							
1552	9478	CCUCUGAU C UUCUCUGG	7697			GCCGUUAGGC			26073
1554	9476	UCUGAUCU U CUCUGGAG	7698			GCCGUUAGGC			26074
1555	9475	CUGAUCUU C UCUGGAGA	7699			GCCGUUAGGC			26075
1557	9473	GAUCUUCU C UGGAGAUA	7700			GCCGUUAGGC			26076
1565	9465	CUGGAGAU A ACAUCCAU	7701	AUGGAUGU (CUGAUGAG	GCCGUUAGGC	CGAA	AUCUCCAG	26077
1570	9460	GAUAACAU C CAUGACGG	7702	CCGUCAUG (CUGAUGAG	GCCGUUAGGC	CGAA	AUGUUAUC	26078
1580	9450	AUGACGGU U CUUCCAUC	7703	GAUGGAAG (CUGAUGAG	GCCGUUAGGC	CGAA	ACCGUCAU	26079
1581	9449	UGACGGUU C UUCCAUCA	7704	UGAUGGAA (CUGAUGAG	GCCGUUAGGC	CGAA	AACCGUCA	26080
1583	9447	ACGGUUCU U CCAUCAGC	7705	GCUGAUGG (CUGAUGAG	GCCGUUAGGC	CGAA	AGAACCGU	26081
1584	9446	CGGUUCUU C CAUCAGCA	7706	UGCUGAUG (CUGAUGAG	GCCGUUAGGC	CGAA	AAGAACCG	26082
1588	9442	UCUUCCAU C AGCAGCCG	7707	CGGCUGCU (CUGAUGAG	GCCGUUAGGC	CGAA	AUGGAAGA	26083
1604	9426	GGGCGCAU C ACUUUCAC	7708	GUGAAAGU (CUGAUGAG	GCCGUUAGGC	CGAA	AUGCGCCC	26084
1608	9422	GCAUCACU U UCACAACU	7709			GCCGUUAGGC			26085
1609	9421	CAUCACUU U CACAACUU	7710			GCCGUUAGGC			26086
1610	9420	AUCACUUU C ACAACUUU	7711			GCCGUUAGGC			26087
1617	9413	UCACAACU U UGUGACGA	7712			GCCGUUAGGC			26088
1618	9412	CACAACUU U GUGACGAU	7713			GCCGUUAGGC			26089
1627	9403	GUGACGAU A GGUGAGCU	7714			GCCGUUAGGC			26090
		GGUGAGCU C AAUGAUGG							
1636	9394		7715			GCCGUUAGGC			26091
1665	9365	GCCGAUGU U CCCCAUCA	7716			GCCGUUAGGC			26092
1666	9364	CCGAUGUU C CCCAUCAA	7717			GCCGUUAGGC			26093
1672	9358	UUCCCCAU C AAGCAGCU	7718	<u> </u>		GCCGUUAGGC			26094
1681	9349	AAGCAGCU C AAGCACCU	7719			GCCGUUAGGC			26095
1690	9340	AAGCACCU U AGCUUCAU	7720			GCCGUUAGGC			26096
1691	9339	AGCACCUU A GCUUCAUU	7721			GCCGUUAGGC			26097
1695	9335	CCUUAGCU U CAUUUUCC	7722	GGAAAAUG (CUGAUGAG	GCCGUUAGGC	CGAA	AGCUAAGG	26098
1696	9334	CUUAGCUU C AUUUUCCA	7723			GCCGUUAGGC			26099
1699	9331	AGCUUCAU U UUCCAAGU	7724	ACUUGGAA (CUGAUGAG	GCCGUUAGGC	CGAA	AUGAAGCU	26100
1700	9330	GCUUCAUU U UCCAAGUC	7725	GACUUGGA (CUGAUGAG	GCCGUUAGGC	CGAA	AAUGAAGC	26101
1701	9329	CUUCAUUU U CCAAGUCA	7726	UGACUUGG (CUGAUGAG	GCCGUUAGGC	CGAA	AAAUGAAG	26102
1702	9328	UUCAUUUU C CAAGUCAG	7727	CUGACUUG (CUGAUGAG	GCCGUUAGGC	CGAA	AAAAUGAA	26103
1708	9322	UUCCAAGU C AGCUCUCG	7728	CGAGAGCU (CUGAUGAG	GCCGUUAGGC	CGAA	ACUUGGAA	26104
1713	9317	AGUCAGCU C UCGUGAUG	7729			GCCGUUAGGC			26105
1715	9315	UCAGCUCU C GUGAUGCG	7730			GCCGUUAGGC			26106
1729	9301	GCGGGUGU C CCAGCCAG	7731			GCCGUUAGGC			26107
1744	9286	AGCUGUGU C AUCAGCAU	7732			GCCGUUAGGC			26107
1747	9283	UGUGUCAU C AGCAUAGA	7733						
						GCCGUUAGGC			26109
1753	9277	AUCAGCAU A GAUCUUGC	7734			GCCGUUAGGC			26110
1757	9273	GCAUAGAU C UUGCCCCC	7735			GCCGUUAGGC			26111
1759	9271	AUAGAUCU U GCCCCCAG	7736			GCCGUUAGGC			26112
1782	9248	UGCCAACU U CACGCAGG	7737			GCCGUUAGGC			26113
1783	9247	GCCAACUU C ACGCAGGA	7738	UCCUGCGU (CUGAUGAG	GCCGUUAGGC	CGAA	AAGUUGGC	26114
1795	9235	CAGGAUGU A ACCCAGUU	7739	AACUGGGU (JUGAUGAG	GCCGUUAGGC	CGAA	ACAUCCUG	26115

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	Table VIII

	,			C VIII	[2222]
1803	9227	AACCCAGU U UUUGGAGG	7740	CCUCCAAA CUGAUGAG GCCGUUAGGC CGAA ACUGGGUU	26116
1804	9226	ACCCAGUU U UUGGAGGC	7741	GCCUCCAA CUGAUGAG GCCGUUAGGC CGAA AACUGGGU	26117
1805	9225	CCCAGUUU U UGGAGGCC	7742	GGCCUCCA CUGAUGAG GCCGUUAGGC CGAA AAACUGGG	26118
1806	9224	CCAGUUUU U GGAGGCCC	7743	GGGCCUCC CUGAUGAG GCCGUUAGGC CGAA AAAACUGG	26119
1822	9208	CAAGCCCU C GACACCUC	7744	GAGGUGUC CUGAUGAG GCCGUUAGGC CGAA AGGGCUUG	26120
1830	9200	CGACACCU C CUCCUGAG	7745	CUCAGGAG CUGAUGAG GCCGUUAGGC CGAA AGGUGUCG	26121
1833	9197	CACCUCCU C CUGAGUUC	7746	GAACUCAG CUGAUGAG GCCGUUAGGC CGAA AGGAGGUG	26122
1840	9190	UCCUGAGU U CUUUCUUC	7747	GAAGAAAG CUGAUGAG GCCGUUAGGC CGAA ACUCAGGA	26123
1841	9189	CCUGAGUU C UUUCUUCC	7748	GGAAGAAA CUGAUGAG GCCGUUAGGC CGAA AACUCAGG	26124
1843	9187	UGAGUUCU U UCUUCCAA	7749	UUGGAAGA CUGAUGAG GCCGUUAGGC CGAA AGAACUCA	26125
1844	9186	GAGUUCUU U CUUCCAAG	7750	CUUGGAAG CUGAUGAG GCCGUUAGGC CGAA AAGAACUC	26126
1845	9185	AGUUCUUU C UUCCAAGC	7751	GCUUGGAA CUGAUGAG GCCGUUAGGC CGAA AAAGAACU	26127
1847	9183	UUCUUUCU U CCAAGCCA	7752	UGGCUUGG CUGAUGAG GCCGUUAGGC CGAA AGAAAGAA	26128
1848	9182	UCUUUCUU C CAAGCCAG	7753	CUGGCUUG CUGAUGAG GCCGUUAGGC CGAA AAGAAAGA	26129
1861	9169	CCAGUGGU C UUCAUUGA	7754	UCAAUGAA CUGAUGAG GCCGUUAGGC CGAA ACCACUGG	26130
1863	9167	AGUGGUCU U CAUUGAGA	7755	UCUCAAUG CUGAUGAG GCCGUUAGGC CGAA AGACCACU	26131
1864	9166	GUGGUCUU C AUUGAGAA	7756	UUCUCAAU CUGAUGAG GCCGUUAGGC CGAA AAGACCAC	26132
1867	9163	GUCUUCAU U GAGAAAAC	7757	GUUUUCUC CUGAUGAG GCCGUUAGGC CGAA AUGAAGAC	26133
		CAGAGCCU C GAACUCCA	7758	UGGAGUUC CUGAUGAG GCCGUUAGGC CGAA AGGCUCUG	26134
1885	9145			GCUTUCUG CUGAUGAG GCCGUUAGGC CGAA AGUUCGAG	26135
1891	9139	CUCGAACU C CAGAAAGC	7759		26136
1905	9125	AGCGAGCU C CGAGCCAC	7760	GUGGCUCG CUGAUGAG GCCGUUAGGC CGAA AGCUCGCU	
1929	9101	AAAUGGCU C UGCUUCCC	7761	GGGAAGCA CUGAUGAG GCCGUUAGGC CGAA AGCCAUUU	26137
1934	9096	GCUCUGCU U CCCUUGGC	7762	GCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AGCAGAGC	26138
1935	9095	CUCUGCUU C CCUUGGCC	7763	GGCCAAGG CUGAUGAG GCCGUUAGGC CGAA AAGCAGAG	26139
1939	9091	GCUUCCCU U GGCCUUUC	7764	GAAAGGCC CUGAUGAG GCCGUUAGGC CGAA AGGGAAGC	26140
1945	9085	CUUGGCCU U UCCGAACU	7765	AGUUCGGA CUGAUGAG GCCGUUAGGC CGAA AGGCCAAG	26141
1946	9084	UUGGCCUU U CCGAACUC	7766	GAGUUCGG CUGAUGAG GCCGUUAGGC CGAA AAGGCCAA	26142
1947	9083	UGGCCUUU C CGAACUCU	7767	AGAGUUCG CUGAUGAG GCCGUUAGGC CGAA AAAGGCCA	26143
1954	9076	UCCGAACU C UCCGGGUU	7768	AACCCGGA CUGAUGAG GCCGUUAGGC CGAA AGUUCGGA	26144
1956	9074	CGAACUCU C CGGGUUUU	7769	AAAACCCG CUGAUGAG GCCGUUAGGC CGAA AGAGUUCG	26145
1962	9068	CUCCGGGU U UUUUCUCU	7770	AGAGAAAA CUGAUGAG GCCGUUAGGC CGAA ACCCGGAG	26146
1963	9067	UCCGGGUU U UUUCUCUC	7771	GAGAGAAA CUGAUGAG GCCGUUAGGC CGAA AACCCGGA	26147
1964	9066	CCGGGUUU U UUCUCUCU	7772	AGAGAGAA CUGAUGAG GCCGUUAGGC CGAA AAACCCGG	26148
1965	9065	CGGGUUUU U UCUCUCUC	7773	GAGAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAACCCG	26149
1966	9064	GGGUUUUU U CUCUCUCU	7774	AGAGAGAG CUGAUGAG GCCGUUAGGC CGAA AAAAACCC	26150
1967	9063	GGUUUUUU C UCUCUCUU	7775	AAGAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAAAACC	26151
1969	9061	טטטטטטכט כ טכטכטטטכ	7776	GAAAGAGA CUGAUGAG GCCGUUAGGC CGAA AGAAAAAA	26152
1971	9059	טטטטכטכט כ טכטטטכככ	7777	GGGAAAGA CUGAUGAG GCCGUUAGGC CGAA AGAGAAAA	26153
1973	9057	UUCUCUCU C UUUCCCAU	7778	AUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGAGAGAA	26154
1975	9055	CUCUCUCU U UCCCAUCA	7779	UGAUGGGA CUGAUGAG GCCGUUAGGC CGAA AGAGAGAG	26155
1976	9054	UCUCUCUU U CCCAUCAU	7780	AUGAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGAGAGA	26156
1977	9053	CUCUCUUU C CCAUCAUG	7781	CAUGAUGG CUGAUGAG GCCGUUAGGC CGAA AAAGAGAG	26157
1982	9048	UUUCCCAU C AUGUUGUA	7782	UACAACAU CUGAUGAG GCCGUUAGGC CGAA AUGGGAAA	26158
1987	9043	CAUCAUGU U GUAAAUGC	7783	GCAUUUAC CUGAUGAG GCCGUUAGGC CGAA ACAUGAUG	26159
1990	9040	CAUGUUGU A AAUGCAAG	7784	CUUGCAUU CUGAUGAG GCCGUUAGGC CGAA ACAACAUG	26160
2007	9023	UGUGACAU U CCCCCCGC	7785	GCGGGGG CUGAUGAG GCCGUUAGGC CGAA AUGUCACA	26161
2008	9022	GUGACAUU C CCCCCGCA	7786	UGCGGGGG CUGAUGAG GCCGUUAGGC CGAA AAUGUCAC	26162
2026	9004	AUGUGCCU C GCGCUCCU	7787	AGGAGCGC CUGAUGAG GCCGUUAGGC CGAA AGGCACAU	26163
2032	8998	CUCGCGCU C CUCAUCCA	7788	UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA AGCGCGAG	26164
2035	8995	GCGCUCCU C AUCCACCA	7789	UGGUGGAU CUGAUGAG GCCGUUAGGC CGAA AGGAGCGC	26165
2038	8992	CUCCUCAU C CACCAUCU	7790	AGAUGGUG CUGAUGAG GCCGUUAGGC CGAA AUGAGGAG	26166
2045	8985	UCCACCAU C UCCCAAAA	7791	UUUUGGGA CUGAUGAG GCCGUUAGGC CGAA AUGGUGGA	26167
2047	8983	CACCAUCU C CCAAAAUU	7792	AAUUUUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGGUG	26168
2055	8975	CCCAAAAU U UUGGAUCU	7793	AGAUCCAA CUGAUGAG GCCGUUAGGC CGAA AUUUUGGG	26169
2056	8974	CCAAAAUU U UGGAUCUU	7794	AAGAUCCA CUGAUGAG GCCGUUAGGC CGAA AAUUUUGG	26170
2057	8973	CAAAAUUU U GGAUCUUC	7795	GAAGAUCC CUGAUGAG GCCGUUAGGC CGAA AAAUUUUG	26171
2062	8968	UUUUGGAU C UUCAACUG	7796	CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA AUCCAAAA	26172
2064		UUGGAUCU U CAACUGCU			
2065	8966	UGGAUCUU C AACUGCUU	7797	AGCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGAUCCAA	26173
	8965		7798	AAGCAGUU CUGAUGAG GCCGUUAGGC CGAA AAGAUCCA	26174
2073	8957	CAACUGCU U CUCUGGCG	7799	CGCCAGAG CUGAUGAG GCCGUUAGGC CGAA AGCAGUUG	26175
	8956	AACUGCUU C UCUGGCGC	7800	GCGCCAGA CUGAUGAG GCCGUUAGGC CGAA AAGCAGUU	26176
2076	8954	CUGCUUCU C UGGCGCUC	7801	GAGCGCCA CUGAUGAG GCCGUUAGGC CGAA AGAAGCAG	26177

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2084	8946	CUGGCGCU C CUCCAUUG	7802	CAAUGGAG CUGAUGAG GCCGUUAGGC CGAA AGCGCCAG 261	178
2087	8943	GCGCUCCU C CAUUGAUU	7803	AAUCAAUG CUGAUGAG GCCGUUAGGC CGAA AGGAGCGC 261	79
2091	8939	UCCUCCAU U GAUUCUGC	7804	GCAGAAUC CUGAUGAG GCCGUUAGGC CGAA AUGGAGGA 261	180
2095	8935	CCAUUGAU U CUGCUCUU	7805	AAGAGCAG CUGAUGAG GCCGUUAGGC CGAA AUCAAUGG 261	181
2096	8934	CAUUGAUU C UGCUCUUC	7806	GAAGAGCA CUGAUGAG GCCGUUAGGC CGAA AAUCAAUG 261	182
2101	8929	AUUCUGCU C UUCAAACA	7807	UGUUUGAA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAU 261	183
2103	8927	UCUGCUCU U CAAACAUG	7808	CAUGUUUG CUGAUGAG GCCGUUAGGC CGAA AGAGCAGA 261	184
2104	8926	CUGCUCUU C AAACAUGG	7809	CCAUGUUU CUGAUGAG GCCGUUAGGC CGAA AAGAGCAG 261	185
2128	8902	AGCUGCAU U GCUGUUGA	7810	UCAACAGC CUGAUGAG GCCGUUAGGC CGAA AUGCAGCU 261	186
2134	8896	AUUGCUGU U GACCUUUC	7811	GAAAGGUC CUGAUGAG GCCGUUAGGC CGAA ACAGCAAU 261	187
2140	8890	GUUGACCU U UCUUAUGA	7812	UCAUAAGA CUGAUGAG GCCGUUAGGC CGAA AGGUCAAC 261	188
2141	8889	UUGACCUU U CUUAUGAA	7813	UUCAUAAG CUGAUGAG GCCGUUAGGC CGAA AAGGUCAA 261	189
2142	8888	UGACCUUU C UUAUGAAU	7814	AUUCAUAA CUGAUGAG GCCGUUAGGC CGAA AAAGGUCA 261	190
2144	8886	ACCUUUCU U AUGAAUUC	7815	GAAUUCAU CUGAUGAG GCCGUUAGGC CGAA AGAAAGGU 261	191
2145	8885	CCUUUCUU A UGAAUUCC	7816	GGAAUUCA CUGAUGAG GCCGUUAGGC CGAA AAGAAAGG 261	192
2151	8879	UUAUGAAU U CCUCUCGA	7817	UCGAGAGG CUGAUGAG GCCGUUAGGC CGAA AUUCAUAA 261	193
2152	8878	UAUGAAUU C CUCUCGAG	7818	CUCGAGAG CUGAUGAG GCCGUUAGGC CGAA AAUUCAUA 261	194
2155	8875	GAAUUCCU C UCGAGAGC	7819	GCUCUCGA CUGAUGAG GCCGUUAGGC CGAA AGGAAUUC 261	195
2157	8873	AUUCCUCU C GAGAGCAC	7820	GUGCUCUC CUGAUGAG GCCGUUAGGC CGAA AGAGGAAU 261	196
2168	8862	GAGCACAU U CUGGGACG	7821	CGUCCCAG CUGAUGAG GCCGUUAGGC CGAA AUGUGCUC 261	197
2169	8861	AGCACAUU C UGGGACGU	7822	ACGUCCCA CUGAUGAG GCCGUUAGGC CGAA AAUGUGCU 261	198
2178	8852	UGGGACGU U UUUCUCUG	7823	CAGAGAAA CUGAUGAG GCCGUUAGGC CGAA ACGUCCCA 261	199
2179	8851	GGGACGUU U UUCUCUGG	7824	CCAGAGAA CUGAUGAG GCCGUUAGGC CGAA AACGUCCC 262	200
2180	8850	GGACGUUU U UCUCUGGC	7825	GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA AAACGUCC 262	201
2181	8849	GACGUUUU U CUCUGGCC	7826	GGCCAGAG CUGAUGAG GCCGUUAGGC CGAA AAAACGUC 262	202
2182	8848	ACGUUUUU C UCUGGCCA	7827	UGGCCAGA CUGAUGAG GCCGUUAGGC CGAA AAAAACGU 262	203
2184	8846	GUUUUUCU C UGGCCAAA	7828	UUUGGCCA CUGAUGAG GCCGUUAGGC CGAA AGAAAAAC 262	204
2209	8821	CAACCAGU U GGUGGUCU	7829	AGACCACC CUGAUGAG GCCGUUAGGC CGAA ACUGGUUG 262	205
2216	8814	UUGGUGGU C UCAUUGAG	7830	CUCAAUGA CUGAUGAG GCCGUUAGGC CGAA ACCACCAA 262	206
2218	8812	GGUGGUCU C AUUGAGCA	7831	UGCUCAAU CUGAUGAG GCCGUUAGGC CGAA AGACCACC 262	207
2221	8809	GGUCUCAU U GAGCACGU	7832	ACGUGCUC CUGAUGAG GCCGUUAGGC CGAA AUGAGACC 262	208
2230	8800	GAGCACGU A CUUCACUC	7833	GAGUGAAG CUGAUGAG GCCGUUAGGC CGAA ACGUGCUC 262	209
2233	8797	CACGUACU U CACUCCUU	7834	AAGGAGUG CUGAUGAG GCCGUUAGGC CGAA AGUACGUG 262	210
2234	8796.	ACGUACUU C ACUCCUUC	7835	GAAGGAGU CUGAUGAG GCCGUUAGGC CGAA AAGUACGU 262	211
2238	8792	ACUUCACU C CUUCUGGC	7836	GCCAGAAG CUGAUGAG GCCGUUAGGC CGAA AGUGAAGU 262	212
2241	8789	UCACUCCU U CUGGCGGU	7837	ACCGCCAG CUGAUGAG GCCGUUAGGC CGAA AGGAGUGA 262	213
2242	8788	CACUCCUU C UGGCGGUU	7838	AACCGCCA CUGAUGAG GCCGUUAGGC CGAA AAGGAGUG 262	214
2250	8780	CUGGCGGU U CAGGAGCU	7839	AGCUCCUG CUGAUGAG GCCGUUAGGC CGAA ACCGCCAG 262	215
2251	8779	UGGCGGUU C AGGAGCUU	7840	<u> </u>	216
2259	8771	CAGGAGCU U UCGUGUCC	7841	GGACACGA CUGAUGAG GCCGUUAGGC CGAA AGCUCCUG 262	217
2260	8770	AGGAGCUU U CGUGUCCA	7842		218
2261	8769	GGAGCUUU C GUGUCCAC	7843		219
2266	8764	UUUCGUGU C CACCUUCU	7844		220
2272	8758	GUCCACCU U CUCUUUGA	7845		221
2273	8757	UCCACCUU C UCUUUGAA	7846		222
2275	8755	CACCUUCU C UUUGAACA	7847	<u> </u>	223
2277	8753	CCUUCUCU U UGAACACU	7848		224
2278	8752	CUUCUCUU U GAACACUC	7849		225
2286	8744	UGAACACU C GCUGCUGC	7850	<u> </u>	226
2306	8724	AAGGGAGU A GUGUCAGU	7851	<u> </u>	227
2311	8719	AGUAGUGU C AGUCAUGG	7852		228
2315	8715	GUGUCAGU C AUGGCCAU	7853		229
2330	8700	AUGGUGGU A ACAUUCGU	7854	<u> </u>	230
2335	8695	GGUAACAU U CGUGAUGG	7855	<u> </u>	231
2336	8694	GUAACAUU C GUGAUGGU	7856		232
2347	8683	GAUGGUGU C CCAUGGUU	7857	<u> </u>	233
2355	8675	CCCAUGGU U UUGAGAGG	7858		234
2356	8674	CCAUGGUU U UGAGAGGA	7859		235
2357	8673	CAUGGUUU U GAGAGGAG	7860		236
2376	8654	UGACCACU C CAUUGACC	7861	. <u></u>	237
2380	8650	CACUCCAU U GACCAGCG	7862		238
2410	8620	UGUGGGCU U CACAUCAU	7863	AUGAUGUG CUGAUGAG GCCGUUAGGC CGAA AGCCCACA 262	239

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				UAUGAUGU CUGAUGAG GCCGUUAGGC CGAA AAGCCCAC 2624
2411	8619	GUGGGCUU C ACAUCAUA	7864	GCAGUUAU CUGAUGAG GCCGUUAGGC CGAA AUGUGAAG 2624
2416	8614	CUUCACAU C AUAACUGC	7865	
2419	8611	CACAUCAU A ACUGCCGU	7866	ACGGCAGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGUG 2624
2431	8599	GCCGUGAU A GUUCCAGG	7867	CCUGGAAC CUGAUGAG GCCGUUAGGC CGAA AUCACGGC 2624
2434	8596	GUGAUAGU U CCAGGUUC	7868	GAACCUGG CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 2624
2435	8595	UGAUAGUU C CAGGUUCU	7869	AGAACCUG CUGAUGAG GCCGUUAGGC CGAA AACUAUCA 2624
2441	8589	UUCCAGGU U CUAUAUGG	7870	CCAUAUAG CUGAUGAG GCCGUUAGGC CGAA ACCUGGAA 2624
2442	8588	UCCAGGUU C UAUAUGGG	7871	CCCAUAUA CUGAUGAG GCCGUUAGGC CGAA AACCUGGA 2624
2444	8586	CAGGUUCU A UAUGGGUG	7872	CACCCAUA CUGAUGAG GCCGUUAGGC CGAA AGAACCUG 2624
2446	8584	GGUUCUAU A UGGGUGGU	7873	ACCACCCA CUGAUGAG GCCGUUAGGC CGAA AUAGAACC 2624
	8575	UGGGUGGU U CUCAUCGU	7874	ACGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACCACCCA 2625
2455		GGGUGGUU C UCAUCGUG	7875	CACGAUGA CUGAUGAG GCCGUUAGGC CGAA AACCACCC 2625
2456	8574		7876	ACCACGAU CUGAUGAG GCCGUUAGGC CGAA AGAACCAC 2625
2458	8572	GUGGUUCU C AUCGUGGU		GGCACCAC CUGAUGAG GCCGUUAGGC CGAA AUGAGAAC 2625
2461	8569	GUUCUCAU C GUGGUGCC	7877	UACAGUUC CUGAUGAG GCCGUUAGGC CGAA ACGUGGCA 2625
2474	8556	UGCCACGU C GAACUGUA	7878	
2482	8548	CGAACUGU A CUCACGCC	7879	GGCGUGAG CUGAUGAG GCCGUUAGGC CGAA ACAGUUCG 2625
2485	8545	ACUGUACU C ACGCCUGA	7880	UCAGGCGU CUGAUGAG GCCGUUAGGC CGAA AGUACAGU 2625
2496	8534	GCCUGAGU C GUUCAAUC	7881	GAUUGAAC CUGAUGAG GCCGUUAGGC CGAA ACUCAGGC 2625
2499	8531	UGAGUCGU U CAAUCCUG	7882	CAGGAUUG CUGAUGAG GCCGUUAGGC CGAA ACGACUCA 2625
2500	8530	GAGUCGUU C AAUCCUGU	7883	ACAGGAUU CUGAUGAG GCCGUUAGGC CGAA AACGACUC 2625
2504	8526	CGUUCAAU C CUGUUCUU	7884	AAGAACAG CUGAUGAG GCCGUUAGGC CGAA AUUGAACG 2626
2509	8521	AAUCCUGU U CUUGAUUU	7885	AAAUCAAG CUGAUGAG GCCGUUAGGC CGAA ACAGGAUU 2626
2510	8520	AUCCUGUU C UUGAUUUU	7886	AAAAUCAA CUGAUGAG GCCGUUAGGC CGAA AACAGGAU 2626
2512	8518	CCUGUUCU U GAUUUUAC	7887	GUAAAAUC CUGAUGAG GCCGUUAGGC CGAA AGAACAGG 2626
2516	8514	UUCUUGAU U UUACUGGU	7888	ACCAGUAA CUGAUGAG GCCGUUAGGC CGAA AUCAAGAA 2626
	 	UCUUGAUU U UACUGGUG	7889	CACCAGUA CUGAUGAG GCCGUUAGGC CGAA AAUCAAGA 2626
2517	8513		7890	ACACCAGU CUGAUGAG GCCGUUAGGC CGAA AAAUCAAG 2626
2518	8512	CUUGAUUU U ACUGGUGU		GACACCAG CUGAUGAG GCCGUUAGGC CGAA AAAAUCAA 2626
2519	8511	UUGAUUUU A CUGGUGUC	7891	UCAACUCA CUGAUGAG GCCGUUAGGC CGAA ACACCAGU 2626
2527	8503	ACUGGUGU C UGAGUUGA	7892	
2533	8497	GUCUGAGU U GAGCAGGG	7893	CCCUGCUC CUGAUGAG GCCGUUAGGC CGAA ACUCAGAC 2626
2544	8486	GCAGGGGU U UUCCCACC	7894	GGUGGGAA CUGAUGAG GCCGUUAGGC CGAA ACCCCUGC 2627
2545	8485	CAGGGGUU U UCCCACCG	7895	CGGUGGGA CUGAUGAG GCCGUUAGGC CGAA AACCCCUG 262
2546	8484	AGGGGUUU U CCCACCGC	7896	GCGGUGGG CUGAUGAG GCCGUUAGGC CGAA AAACCCCU 262
2547	8483	GGGGUUUU C CCACCGCC	7897	GGCGGUGG CUGAUGAG GCCGUUAGGC CGAA AAAACCCC 262
2561	8469	GCCCUGGU U CCACUUCC	7898	GGAAGUGG CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 262
2562	8468	CCCUGGUU C CACUUCCC	7899	GGGAAGUG CUGAUGAG GCCGUUAGGC CGAA AACCAGGG 262
2567	8463	GUUCCACU U CCCAAGUU	7900	AACUUGGG CUGAUGAG GCCGUUAGGC CGAA AGUGGAAC 262
2568	8462	UUCCACUU C CCAAGUUU	7901	AAACUUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGGAA 262
2575	8455	UCCCAAGU U UACAUCUU	7902	AAGAUGUA CUGAUGAG GCCGUUAGGC CGAA ACUUGGGA 262
2576	8454	CCCAAGUU U ACAUCUUC	7903	GAAGAUGU CUGAUGAG GCCGUUAGGC CGAA AACUUGGG 262
2577	8453	CCAAGUUU A CAUCUUCC	7904	GGAAGAUG CUGAUGAG GCCGUUAGGC CGAA AAACUUGG 2628
2581	8449	GUUUACAU C UUCCUCGU	7905	ACGAGGAA CUGAUGAG GCCGUUAGGC CGAA AUGUAAAC 2628
			7906	AUACGAGG CUGAUGAG GCCGUUAGGC CGAA AGAUGUAA 2628
2583	8447	UUACAUCU U CCUCGUAU	7907	AAUACGAG CUGAUGAG GCCGUUAGGC CGAA AAGAUGUA 2628
2584	8446	UACAUCUU C CUCGUAUU		CCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 2628
2587	8443	AUCUUCCU C GUAUUGGG	7908	GACCCCAA CUGAUGAG GCCGUUAGGC CGAA ACGAGGAA 2626
2590	8440	UUCCUCGU A UUGGGGUC	7909	
2592	8438	CCUCGUAU U GGGGUCCC	7910	
2598	8432	AUUGGGGU C CCUUCCAG	7911	CUGGAAGG CUGAUGAG GCCGUUAGGC CGAA ACCCCAAU 2621
2602	8428	GGGUCCCU U CCAGGUCC	7912	GGACCUGG CUGAUGAG GCCGUUAGGC CGAA AGGGACCC 2620
2603	8427	GGUCCCUU C CAGGUCCU	7913	AGGACCUG CUGAUGAG GCCGUUAGGC CGAA AAGGGACC 262
2609	8421	UUCCAGGU C CUUUUUUC	7914	GAAAAAG CUGAUGAG GCCGUUAGGC CGAA ACCUGGAA 262
2612	8418	CAGGUCCU U UUUUCCAU	7915	AUGGAAAA CUGAUGAG GCCGUUAGGC CGAA AGGACCUG 262
2613		AGGUCCUU U UUUCCAUU	7916	AAUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGGACCU 262
2614	8416	GGUCCUUU U UUCCAUUC	7917	GAAUGGAA CUGAUGAG GCCGUUAGGC CGAA AAAGGACC 262
2615		GUCCUUUU U UCCAUUCU	7918	AGAAUGGA CUGAUGAG GCCGUUAGGC CGAA AAAAGGAC 262
2616		UCCUUUUU U CCAUUCUU	7919	AAGAAUGG CUGAUGAG GCCGUUAGGC CGAA AAAAAGGA 262
2617		CCUUUUUU C CAUUCUUC	7920	GAAGAAUG CUGAUGAG GCCGUUAGGC CGAA AAAAAAGG 262
<u> </u>			7921	CUAGGAAG CUGAUGAG GCCGUUAGGC CGAA AUGGAAAA 262
2621	8409	UUUUCCAU U CUUCCUAG		CCUAGGAA CUGAUGAG GCCGUUAGGC CGAA AAUGGAAA 262.
2622		UUUCCAUU C UUCCUAGG	7922	
2624	8406	UCCAUUCU U CCUAGGAG	7923	
2625		CCAUUCUU C CUAGGAGC	7924	GCUCCUAG CUGAUGAG GCCGUUAGGC CGAA AAGAAUGG 263
2628	8402	UUCUUCCU A GGAGCACC	7925	GGUGCUCC CUGAUGAG GCCGUUAGGC CGAA AGGAAGAA 263

	W O 02	7006037	Tabl	le VIII	
2645	8385	UGGCUGGU C AUAUUCAC	7926	GUGAAUAU CUGAUGAG GCCGUUAGGC CGAA ACCAGCCA 2630	02
2648	8382	CUGGUCAU A UUCACUGA	7927	UCAGUGAA CUGAUGAG GCCGUUAGGC CGAA AUGACCAG 2630	03
2650	8380	GGUCAUAU U CACUGAAU	7928	AUUCAGUG CUGAUGAG GCCGUUAGGC CGAA AUAUGACC 2630	04
2651	8379	GUCAUAUU C ACUGAAUG	7929	CAUUCAGU CUGAUGAG GCCGUUAGGC CGAA AAUAUGAC 263	05
2661	8369	CUGAAUGU A CCACAUUG	7930	CAAUGUGG CUGAUGAG GCCGUUAGGC CGAA ACAUUCAG 263	06
2668	8362	UACCACAU U GCCUGAAG	7931	CUUCAGGC CUGAUGAG GCCGUUAGGC CGAA AUGUGGUA 263	07
2679	8351	CUGAAGCU C GACUCACC	7932	GGUGAGUC CUGAUGAG GCCGUUAGGC CGAA AGCUUCAG 2630	80
2684	8346	GCUCGACU C ACCCAAUA	7933	UAUUGGGU CUGAUGAG GCCGUUAGGC CGAA AGUCGAGC 2630	09
2692	8338	CACCCAAU A CAUCUCGU	7934	ACGAGAUG CUGAUGAG GCCGUUAGGC CGAA AUUGGGUG 263:	10
2696	8334	CAAUACAU C UCGUGCGU	7935	ACGCACGA CUGAUGAG GCCGUUAGGC CGAA AUGUAUUG 263:	11
2698	8332	AUACAUCU C GUGCGUGG	7936	CCACGCAC CUGAUGAG GCCGUUAGGC CGAA AGAUGUAU 263:	12
2710	8320	CGUGGAAU U CCGUGAGA	7937	UCUCACGG CUGAUGAG GCCGUUAGGC CGAA AUUCCACG 263:	13
2711	8319	GUGGAAUU C CGUGAGAG	7938	CUCUCACG CUGAUGAG GCCGUUAGGC CGAA AAUUCCAC 263:	14
2725	8305	GAGUGGGU U UCUGACCA	7939	UGGUCAGA CUGAUGAG GCCGUUAGGC CGAA ACCCACUC 263:	15
2726	8304	AGUGGGUU U CUGACCAG	7940	CUGGUCAG CUGAUGAG GCCGUUAGGC CGAA AACCCACU 263:	16
2727	8303	GUGGGUUU C UGACCAGU	7941	ACUGGUCA CUGAUGAG GCCGUUAGGC CGAA AAACCCAC 263	17
2736	8294	UGACCAGU C CCCCCCA	7942	UGGGGGG CUGAUGAG GCCGUUAGGC CGAA ACUGGUCA 263	18
2746	8284	CCCCCAU A CCGGCGUU	7943	AACGCCGG CUGAUGAG GCCGUUAGGC CGAA AUGGGGGG 263	19
2754	8276	ACCGGCGU U GGAGCAGC	7944	GCUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACGCCGGU 263	20
2764	8266	GAGCAGCU C CAUCUUCU	7945	AGAAGAUG CUGAUGAG GCCGUUAGGC CGAA AGCUGCUC 263:	21
2768	8262	AGCUCCAU C UUCUCUAU	7946	AUAGAGAA CUGAUGAG GCCGUUAGGC CGAA AUGGAGCU 263	22
2770	8260	CUCCAUCU U CUCUAUGA	7947	UCAUAGAG CUGAUGAG GCCGUUAGGC CGAA AGAUGGAG 263	23
2771	8259	UCCAUCUU C UCUAUGAC	7948	GUCAUAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGGA 263	24
2773	8257	CAUCUUCU C UAUGACUU	7949	AAGUCAUA CUGAUGAG GCCGUUAGGC CGAA AGAAGAUG 263	25
2775	8255	UCUUCUCU A UGACUUUC	7950	GAAAGUCA CUGAUGAG GCCGUUAGGC CGAA AGAGAAGA 263	26
2781	8249	CUAUGACU U UCGGCAUG	7951	CAUGCCGA CUGAUGAG GCCGUUAGGC CGAA AGUCAUAG 263	27
2782	8248	UAUGACUU U CGGCAUGU	7952	ACAUGCCG CUGAUGAG GCCGUUAGGC CGAA AAGUCAUA 263	28
2783	8247	AUGACUUU C GGCAUGUA	7953	UACAUGCC CUGAUGAG GCCGUUAGGC CGAA AAAGUCAU 263	29
2791	8239	CGGCAUGU A GGGGCAGA	7954	UCUGCCCC CUGAUGAG GCCGUUAGGC CGAA ACAUGCCG 263	30
2806	8224	GAGCACCU U CACGCAAA	7955	UUUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGGUGCUC 263	31
2807	8223	AGCACCUU C ACGCAAAA	7956	UUUUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGGUGCU 263	32
2817	8213	CGCAAAAU U CCCUUGGC	7957	GCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AUUUUGCG 263	33
2818	8212	GCAAAAUU C CCUUGGCC	7958	GGCCAAGG CUGAUGAG GCCGUUAGGC CGAA AAUUUUGC 263	34
2822	8208	AAUUCCCU U GGCCCUCG	7959	CGAGGCC CUGAUGAG GCCGUUAGGC CGAA AGGGAAUU 263	35
2829	8201	UUGGCCCU C GGUGCAGC	7960	GCUGCACC CUGAUGAG GCCGUUAGGC CGAA AGGGCCAA 263	36
2842	8188	CAGCCAGU C CUCAACCA	7961	UGGUUGAG CUGAUGAG GCCGUUAGGC CGAA ACUGGCUG 263	
2845	8185	CCAGUCCU C AACCAUUU	7962	AAAUGGUU CUGAUGAG GCCGUUAGGC CGAA AGGACUGG 263	
2852	8178	UCAACCAU U UCAAGGAC	7963	GUCCUUGA CUGAUGAG GCCGUUAGGC CGAA AUGGUUGA 263	
2853	8177	CAACCAUU U CAAGGACC	7964	GGUCCUUG CUGAUGAG GCCGUUAGGC CGAA AAUGGUUG 263	
2854	8176	AACCAUUU C AAGGACCC	7965	GGGUCCUU CUGAUGAG GCCGUUAGGC CGAA AAAUGGUU 263	
2867	8163	ACCCGAAU C GUCCUAUG	7966	CAUAGGAC CUGAUGAG GCCGUUAGGC CGAA AUUCGGGU 263	
2870	8160	CGAAUCGU C CUAUGCUC	7967	GAGCAUAG CUGAUGAG GCCGUUAGGC CGAA ACGAUUCG 263	
2873	8157	AUCGUCCU A UGCUCUUC	7968	GAAGAGCA CUGAUGAG GCCGUUAGGC CGAA AGGACGAU 263	
2878	8152	CCUAUGCU C UUCAACCU	7969	AGGUUGAA CUGAUGAG GCCGUUAGGC CGAA AGCAUAGG 263	_
2880	8150	NAUGCUCU U CAACCUCA	7970	UGAGGUUG CUGAUGAG GCCGUUAGGC CGAA AGAGCAUA 263	-
2881	8149	AUGCUCUU C AACCUCAG	7971	CUGAGGUU CUGAUGAG GCCGUUAGGC CGAA AAGAGCAU 263	
2887	8143	UUCAACCU C AGCACUUG UCAGCACU U GACGAGGA	7972	CAAGUGCU CUGAUGAG GCCGUUAGGC CGAA AGGUUGAA 263- UCCUCGUC CUGAUGAG GCCGUUAGGC CGAA AGUGCUGA 263-	
2905	8125	CGAGGACU C UCCGAUGU	7973		$\overline{}$
2907	8123	AGGACUCU C CGAUGUCA	7974		
2914	8116	UCCGAUGU C ACAAAGGA	7976	UGACAUCG CUGAUGAG GCCGUUAGGC CGAA AGAGUCCU 263: UCCUUUGU CUGAUGAG GCCGUUAGGC CGAA ACAUCGGA 263:	
2929	8101	GAGGGUGU C ACAACACU	7977	AGUGUUGU CUGAUGAG GCCGUUAGGC CGAA ACACCCUC 263	
2938	8092	ACAACACU C AGAAGGUC	7978	GACCUUCU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 263	_
2946	8084	CAGAAGGU C UGUAGAAC	7979	GUUCUACA CUGAUGAG GCCGUUAGGC CGAA ACCUUCUG 263	—-
2950	8080	AGGUCUGU A GAACACAU	7980	AUGUGUUC CUGAUGAG GCCGUUAGGC CGAA ACAGACCU 263	_
2959	8071	GAACACAU C CACUCCAC	7981	GUGGAGUG CUGAUGAG GCCGUUAGGC CGAA AUGUGUUC 263	
2964	8066	CAUCCACU C CACUCUUC	7982	GAAGAGUG CUGAUGAG GCCGUUAGGC CGAA AGUGGAUG 263	$\overline{}$
2969	8061	ACUCCACU C UUCAUGGU	7983	ACCAUGAA CUGAUGAG GCCGUUAGGC CGAA AGUGGAGU 263	
2971	8059	UCCACUCU U CAUGGUGA	7984	UCACCAUG CUGAUGAG CCCGUUAGGC CGAA AGAGUGGA 263	
2972	8058	CCACUCUU C AUGGUGAC	7985	GUCACCAU CUGAUGAG GCCGUUAGGC CGAA AGAGUGG 2630	
2986	8044	GACAAUGU U CCAUCCAU	7986	AUGGAUGG CUGAUGAG GCCGUUAGGC CGAA AAGAGGGG 2636	∤
2987	8043	ACAAUGUU C CAUCCAUA	7987	UAUGGAUG CUGAUGAG GCCGUUAGGC CGAA ACAUUGU 2630	—-
		- Control of the cont	,	1 203	22

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2991	8039	UGUUCCAU C CAUAACUU	7988	AAGUUAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAACA 26	6364
2995	8035	CCAUCCAU A ACUUUGCA	7989	UGCAAAGU CUGAUGAG GCCGUUAGGC CGAA AUGGAUGG 26	6365
2999	8031	CCAUAACU U UGCACUAG	7990	CUAGUGCA CUGAUGAG GCCGUUAGGC CGAA AGUUAUGG 26	6366
3000	8030	CAUAACUU U GCACUAGU	7991	ACUAGUGC CUGAUGAG GCCGUUAGGC CGAA AAGUUAUG 26	6367
3006	8024	UUUGCACU A GUUGGGGC	7992	GCCCCAAC CUGAUGAG GCCGUUAGGC CGAA AGUGCAAA 26	6368
3009	8021	GCACUAGU U GGGGCUCU	7993	AGAGCCCC CUGAUGAG GCCGUUAGGC CGAA ACUAGUGC 26	6369
3016	8014	UUGGGGCU C UUCAUGUC	7994	GACAUGAA CUGAUGAG GCCGUUAGGC CGAA AGCCCCAA 26	6370
3018	8012	GGGGCUCU U CAUGUCCG	7995	CGGACAUG CUGAUGAG GCCGUUAGGC CGAA AGAGCCCC 26	6371
3019	8011	GGGCUCUU C AUGUCCGG	7996	CCGGACAU CUGAUGAG GCCGUUAGGC CGAA AAGAGCCC 26	6372
3024	8006	CUUCAUGU C CGGGACCG	7997	CGGUCCCG CUGAUGAG GCCGUUAGGC CGAA ACAUGAAG 26	6373
3037	7993	ACCGCCCU U UGUGUACC	7998	GGUACACA CUGAUGAG GCCGUUAGGC CGAA AGGGCGGU 26	6374
3038	7992	CCGCCCUU U GUGUACCC	7999	GGGUACAC CUGAUGAG GCCGUUAGGC CGAA AAGGGCGG 26	6375
3043	7987	CUUUGUGU A CCCUCUGA	8000	UCAGAGGG CUGAUGAG GCCGUUAGGC CGAA ACACAAAG 26	6376
3048	7982	UGUACCCU C UGACUUCU	8001	AGAAGUCA CUGAUGAG GCCGUUAGGC CGAA AGGGUACA 26	6377
3054	7976	CUCUGACU U CUUGGACU	8002	AGUCCAAG CUGAUGAG GCCGUUAGGC CGAA AGUCAGAG 26	6378
3055	7975	UCUGACUU C UUGGACUC	8003	GAGUCCAA CUGAUGAG GCCGUUAGGC CGAA AAGUCAGA 26	6379
3057	7973	UGACUUCU U GGACUCUU	8004	AAGAGUCC CUGAUGAG GCCGUUAGGC CGAA AGAAGUCA 26	6380
3063	7967	CUUGGACU C UUUUUUGG	8005	CCAAAAAA CUGAUGAG GCCGUUAGGC CGAA AGUCCAAG 26	6381
3065	7965	UGGACUCU U UUUUGGGU	8006	ACCCAAAA CUGAUGAG GCCGUUAGGC CGAA AGAGUCCA 26	6382
3066	7964	GGACUCUU U UUUGGGUU	8007	AACCCAAA CUGAUGAG GCCGUUAGGC CGAA AAGAGUCC 26	6383
3067	7963	GACUCUUU U UUGGGUUG	8008	CAACCCAA CUGAUGAG GCCGUUAGGC CGAA AAAGAGUC 26	6384
3068	7962	ACUCUUUU U UGGGUUGC	8009	GCAACCCA CUGAUGAG GCCGUUAGGC CGAA AAAAGAGU 20	6385
3069	7961	CUCUUUUU U GGGUUGCC	8010	GGCAACCC CUGAUGAG GCCGUUAGGC CGAA AAAAAGAG 20	6386
3074	7956	UUUUGGGU U GCCAUAUA	8011	UAUAUGGC CUGAUGAG GCCGUUAGGC CGAA ACCCAAAA 20	6387
3080	7950	GUUGCCAU A UAGUAACA	8012	UGUUACUA CUGAUGAG GCCGUUAGGC CGAA AUGGCAAC 26	6388
3082	7948	UGCCAUAU A GUAACACC	8013	GGUGUUAC CUGAUGAG GCCGUUAGGC CGAA AUAUGGCA 26	26389
3085	7945	CAUAUAGU A ACACCAAC	8014	GUUGGUGU CUGAUGAG GCCGUUAGGC CGAA ACUAUAUG 26	6390
3099	7931	AACCGCCU C UUCCACAU	8015	AUGUGGAA CUGAUGAG GCCGUUAGGC CGAA AGGCGGUU 26	26391
3101	7929	CCGCCUCU U CCACAUCC	8016	GGAUGUGG CUGAUGAG GCCGUUAGGC CGAA AGAGGCGG 20	26392
3102	7928	CGCCUCUU C CACAUCCA	8017	UGGAUGUG CUGAUGAG GCCGUUAGGC CGAA AAGAGGCG 20	26393
3108	7922	UUCCACAU C CAAGGUCA	8018	UGACCUUG CUGAUGAG GCCGUUAGGC CGAA AUGUGGAA 20	26394
3115	7915	UCCAAGGU C AAUCACUU	8019	AAGUGAUU CUGAUGAG GCCGUUAGGC CGAA ACCUUGGA 20	26395
3119	7911	AGGUCAAU C ACUUUUCC	8020	GGAAAAGU CUGAUGAG GCCGUUAGGC CGAA AUUGACCU 26	6396
3123	7907	CAAUCACU U UUCCGACC	8021	GGUCGGAA CUGAUGAG GCCGUUAGGC CGAA AGUGAUUG 20	26397
3124	7906	AAUCACUU U UCCGACCG	8022	CGGUCGGA CUGAUGAG GCCGUUAGGC CGAA AAGUGAUU 20	6398
3125	7905	AUCACUUU U CCGACCGG	8023	CCGGUCGG CUGAUGAG GCCGUUAGGC CGAA AAAGUGAU 26	6399
3126	7904	UCACUUUU C CGACCGGU	8024	ACCGGUCG CUGAUGAG GCCGUUAGGC CGAA AAAAGUGA 26	26400
3135	7895	CGACCGGU U CGAGAAAC	8025	GUUUCUCG CUGAUGAG GCCGUUAGGC CGAA ACCGGUCG 20	26401
3136	7894	GACCGGUU C GAGAAACC	8026	GGUUUCUC CUGAUGAG GCCGUUAGGC CGAA AACCGGUC 26	26402
3146	7884	AGAAACCU C CGUUCGAC	8027	GUCGAACG CUGAUGAG GCCGUUAGGC CGAA AGGUUUCU 20	26403
3150	7880	ACCUCCGU U CGACCAGC	8028	GCUGGUCG CUGAUGAG GCCGUUAGGC CGAA ACGGAGGU 20	26404
3151	7879	CCUCCGUU C GACCAGCC	8029	GGCUGGUC CUGAUGAG GCCGUUAGGC CGAA AACGGAGG 20	26405
3162	7868	CCAGCCAU C UCAGUUUU	8030	AAAACUGA CUGAUGAG GCCGUUAGGC CGAA AUGGCUGG 20	26406
3164	7866	AGCCAUCU C AGUUUUGC	8031	GCAAAACU CUGAUGAG GCCGUUAGGC CGAA AGAUGGCU 2	6407
3168	7862	AUCUCAGU U UUGCUGUG	8032	CACAGCAA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAU 20	26408
3169	7861	UCUCAGUU U UGCUGUGC	8033	GCACAGCA CUGAUGAG GCCGUUAGGC CGAA AACUGAGA 20	26409
3170	7860	CUCAGUUU U GCUGUGCC	8034	GGCACAGC CUGAUGAG GCCGUUAGGC CGAA AAACUGAG 20	26410
3182	7848	GUGCCCCU A GAGACUGG	8035	CCAGUCUC CUGAUGAG GCCGUUAGGC CGAA AGGGGCAC 20	26411
3198	7832	GAUGCCCU C CAGUGACA	8036	UGUCACUG CUGAUGAG GCCGUUAGGC CGAA AGGGCAUC 20	26412
3208	7822	AGUGACAU U GCCUUCUU	8037		26413
3213	7817	CAUUGCCU U CUUUCCUG	8038		26414
3214	7816	AUUGCCUU C UUUCCUGG	8039	CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU 2	26415
3216	7814	UGCCUUCU U UCCUGGCG	8040	CGCCAGGA CUGAUGAG GCCGUUAGGC CGAA AGAAGGCA 20	26416
3217	7813	GCCUUCUU U CCUGGCGU	8041		26417
3218	7812	CCUUCUUU C CUGGCGUG	8042		26418
3228	7802	UGGCGUGU U UUGCCGCU	8043		26419
3229	7801	GGCGUGUU U UGCCGCUG	8044	<u></u>	26420
3230	7800	GCGUGUUU U GCCGCUGA	8045		26421
3244	7786	UGAGCGAU C GACUUCGA	8046		26422
3249	7781	GAUCGACU U CGAUGAUG	8047		26423
3250	7780	AUCGACUU C GAUGAUGG	8048		26424
3262	7768	GAUGGCCU C UUUGCGGU	8049		26425

19265 7765 GOSCUCCU U GOGGRIACC 8051 GUIACCCC CUBALURGE COMA JAGAGCCA 26427 3271 7759 UTUCCOU O GOGGRIACC 8051 GUIACLAGO COMARGE COMA JAGAGCCA 26427 3271 7759 UTUCCOU O GOGGRIACA 8052 GUIACLAGO COMARGE COMA JAGAGCA 26428 3283 7747 AGUARACU C UTUCUUUG 8054 CANAAGAA CURAURAG COCQUILAGO COMA AGUARCA 26428 3285 7745 CUBACUCU U UTUUUGU 8054 CANAAGAA CURAURAG COCQUILAGO COMA AGUARCA 26431 3286 7742 GARACUCU U UTUUGUCA 8055 GUIACAAA CURAURAG COCQUILAGO COMA AGUARCA 26431 3288 7742 CAUCUUCU U UTUUGUCA 8056 GUIACAAA CURAURAG COCQUILAGO COMA AGUARCA 26431 3289 7740 CUCUUCUU U UTUUCUCA 8057 GUIACAAA CURAURAG COCQUILAGO COMA AGUARCA 26431 3290 7740 CUCUUCUU U UTUCALCU 8059 GAGARCA CURAURAG COCQUILAGO COMA AGUARCA 26431 3290 7740 CUCUUCUUU U UTUCALCU 8059 CARACA CURAURAG COCQUILAGO COMA AGUARCA 26431 3291 7757 UTUUUGUU C UTUCALCU 8059 CARACA CURAURAG COCQUILAGO COMA AGUARCA 26431 3292 7740 CUCUUCUU U UTUCALCA 8051 COCAACA CURAURAG COCQUILAGO COMA AGUARCA 26431 3306 7724 CAUCUUCUU U CUGUUCAA 8061 CUCAACA CURAURAG COCQUILAGO COMA AGUARCA 26431 3306 7724 CAUCUUCUU U CUUCCAA 8061 CUCAACA CURAURAG COCQUILAGO COMA AGUARCA 26431 3309 7721 UTUGUICUU U UCUCAAA 8061 CUCAACA CURAURAG COCQUILAGO COMA AGUARCA 26431 3310 7720 GAGGICUU U UUCUCAA 8064 UUGAAAA CURAURAG COCQUILAGO COMA AGUARCA 26431 3311 7716 CUUCUUU U UCUAACA 8064 UUGAAACA CURAURAG COCQUILAGO COMA AGUARCA 26431 3312 7718 GAGUACUU U UUCUCAA 8065 UUGAAAA CURAURAG COCQUILAGO COMA AGUARCA 26431 3312 7718 CAUCUUCUU U UCUAACA 8064 UUGAAAA CURAURAG COCQUILAGO COMA AGUARCA 26431 3313 7717 CUUUCUU U CAAACCU S0649 AGUARCA CURAURAG COCQUILAGO COMA AGUARCA 26431 3314 7716 CAUCUUCUU U UCUAACA 8064 UUGAAA CUGAACA CUCAACCU COMA AGUARCA CUCAACCU CU		W O 02	/00803/	Tab	le VIII	
1927 7755	3264	7766	UGGCCUCU U UGCGGUAC	8050	GUACCGCA CUGAUGAG GCCGUUAGGC CGAA AGAGGCCA 26	6426
1275 7755	3265	7765	GGCCUCUU U GCGGUACC	8051	GGUACCGC CUGAUGAG GCCGUUAGGC CGAA AAGAGGCC 26	6427
1275 7755	3271	7759	UUUGCGGU A CCUAGUGA	8052	UCACUAGG CUGAUGAG GCCGUUAGGC CGAA ACCGCAAA 26	6428
1928 7747 AGGIACU C UUCUUUUC 8054 CAAAAGAA CUGAUGAG CCCUULAGG CAA AGUUCACU 26431 1928 7744 GAACUCUU C UUUUUGUCA 8055 GACAAAGA CUGAUGAG CCCCUULAGG CAAAAGAGAG CUGAUGAG CAAAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG			CGGUACCU A GUGAACUC	8053		
1725						
1286 7744						
1288 7744					<u> </u>	
12289 7741					<u> </u>	
1929 7740						
1929 1737 UUUUUUU C UAGAUCUU BOOGO BOOGO BOOGO BOOGO BOOGO BOOGO BOOGO BOOGO BOOGO BO				 		
1926 7734						
1930 7722	3293	7737		8060	AACCAGAU CUGAUGAG GCCGUUAGGC CGAA ACAAAAGA 26	6436
3306 7724 GRUIDAGUI C UDUICUUIC 8063 GANAGARA CUGRUIAG GCGUURGGC GAN ACUCANCC 26439 3309 7721 UGAGUCUU U CUUUCCAN 8065 UUGGARAG CUGRUIAGG GCGUURGGC GAN ACUCANCC 26441 3310 7720 GRUICUUU C UUUCCAN 8065 UUGGARAG CUGRUIAGG GCGUURGGC GAN ARGACUCA 26441 3310 7726 GRUICUUU U CUUUCCAN 8065 UUGGARAG CUGRUIAGG GCGUURGGC GAN ARGACUCA 26443 3311 7717 GUCUUCUU U CCANACCU 8066 GUUUUGGA CUGRUIAGG GCGUURGGC GAN ARGACUCA 26443 3311 7717 GUCUUCUU U CCANACCU 8068 AGGUUUG CUGRUIAGG GCGUURGGC GAN ARACACAC 26443 3311 7717 CUUUCUU C CANACCU 8068 AGGUUUG CUGRUIAGG GCGUURGGC GAN ARACACAC 26443 3311 7716 CUUUCUU C CANACCU 8069 AGGUUUG CUGRUIAGG GCGUURGGC GAN ARACACAC 26443 3322 7708 CCANACCU C CCANGGGG 8070 CCUURGGA CUGRUIAGG GCGUURGGC GAN ARACACAC 26445 3324 7706 ARACCUCU C CCANGGGG 8071 CACCUUGG CUGRUIAGGC GCGUURGGC GAN ARACACAC 26447 3336 7691 AGGUCUCU C CCANGGGG 8071 CACCUUGG CUGRUIAGGC GCGUURGGC GAN ARACACAC 26447 3336 7691 GGUCUCU U UUGCCCCA 8072 GGCARAG CUGRUIAGG GCGUURGGC GAN AGGUUUG 26446 33341 7689 GGUCCUU U UUGCCCCA 8073 GGCGGCA CUGRUIAGG GCGUURGGC GAN AGGACCU 26448 33341 7689 GGUCCUU U UUGCCCCA 8073 GGUGGGC CUGRUIAGG GCGUURGGC GAN AGGACCU 26448 33351 7691 CCCCACCC U UUUURGU 8076 GGUGGGC CUGRUIAGG GCGUURGGC GAN AGGACGC 26453 3331 7679 CCCCACCC U UUURGU 8076 GGUGGGC CUGRUIAGG GCGUURGGC GAN AGGACGC 26453 3335 7677 CCCCCACC U UUURGUCU 8076 AGGACUA CUGRUIAGG GCGGUURGGC GAN ARAGAGG 26451 3355 7675 ACCUCUUU U URGUCCU 8078 AGGACUA CUGRUIAGG GCGGUURGGC GAN ARAGAGG 26453 3355 7676 CCCCACCC U UUURGU 8077 GACUARAA CUGRUIAGG GCGGUURGGC GAN ARAGAGG 26453 3355 7676 CCCCACCC U UUURGU 8077 GACUARAA CUGRUIAGG GCGGUURGGC GAN ARAGAGG 26453 3356 7664 GUCCUGUU U AGGUCCU 8078 AGGACUA CUGRUIAGG GCGGUURGGC GAN ARACACAG 26453 3356 7664 GUCCUGUU U AGGUCCU 8078 AGGACUA CUGRUIAGG GCGGUURGGC GA	3296	7734	UUUGUCAU C UGGUUGAG	8061	CUCAACCA CUGAUGAG GCCGUUAGGC CGAA AUGACAAA 26	6437
3309 7722	3301	7729	CAUCUGGU U GAGUCUUU	8062	AAAGACUC CUGAUGAG GCCGUUAGGC CGAA ACCAGAUG 26	6438
1310 7721	3306	7724	GGUUGAGU C UUUCUUUC	8063	GAAAGAAA CUGAUGAG GCCGUUAGGC CGAA ACUCAACC 26	6439
3310 7720	3308	7722	UUGAGUCU U UCUUUCCA	8064	UGGAAAGA CUGAUGAG GCCGUUAGGC CGAA AGACUCAA 26	6440
3312 7718 GUCUPUCU U UCCANACC 8067 GUUUGGA CUGAUGAG GCCGULAGGC CGAA AGAAAGAC 26443 3313 7717 UCUUUCUU U CCANACCU 8068 AGGUUUG CUGAUGAG GCCGULAGGC CGAA AGAAAGAA C 26443 3314 7716 CUUUCUUU U CCANACCU 8069 AGGUUUG CUGAUGAG GCCGULAGGC CGAA AGAAAGAA 26445 3322 7708 ACAACCU C UCCCAAGG 8070 CCCUUGGA CUGAUGAG GCCGULAGGC CGAA AGAGAAGA 26445 3324 7706 AAACCUC C CCAAGGG 8071 CACCUUGG CUGAUGAG GCCGULAGGC CGAA AGAGAGAU 26447 3336 7694 AGGUGUCU C CCAAGGGG 8071 CACCUUGG CUGAUGAG GCCGULAGGC CGAA AGAGGUUUG 26447 3336 7694 AGGUGUCU U UUGCCCCA 8072 GUGAUAAA GCGAULAGG CGAA AGAGGGCC 26448 3339 7691 UGCGUCCU U UUGCCCCA 8073 UGGGGCAA CUGAUGAG GCCGULAGGC CGAA AGGGGCC 26450 3341 7689 GUCCUUU U UGCCCCAC 8075 GUGGGGC CUGAUGAG GCCGULAGGC CGAA AGGGGCG 26451 3351 7679 CCCCACCU U UULAGUCC 8076 ACUAAAAA CUGAUGAG GCCGULAGGC CGAA AGGGCGC 26451 3351 7679 CCCCACCU U UULAGUCC 8077 ACUAAAAA CUGAUGAG GCCGULAGGC CGAA AGGGGCG 26451 3353 7676 CACCUCUU U ULAGUCCU 8077 AGGACUAA CUGAUGAG GCCGULAGGC CGAA AGGGGCG 26451 3353 7676 CACCUCUU U ULAGUCCU 8078 AGGACUA CUGAUGAG GCCGULAGGC CGAA AGGGGCG 26451 3353 7676 CACCUCUU U ULAGUCCU 8078 AGGACUA CUGAUGAG GCCGULAGGC CGAA AGAGGGC 26451 3353 7676 CACCUCUU U ULAGUCCU 8078 AGGACUA CUGAUGAG GCCGULAGGC CGAA AAGAGGG 26451 3354 7676 CACCUCUU U ULAGUCCU 8078 AGGACUA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3354 7676 CACCUCUU U ULAGUCCU 8078 AGGACUA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3356 7674 CUCUUUULA GUCCUGA 8078 AGCAUGAG CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3356 7675 ACCUCUUU U AGUCCUG 8081 ACCAGGGA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3366 7674 CUUCUUULA GUCCUG 8081 ACCAGGGA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3366 7664 GUCCUGGGU U UUCCAUG 8081 ACCAGGGA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3366 7664 GUCCUGGG U ULAGGC CGAA CACCAGGA CCGGGCGA AAAAAGAGG	3309	7721	UGAGUCUU U CUUUCCAA	8065	UUGGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGACUCA 26	6441
3312 7718 GUCUPUCU U UCCANACC 8067 GUUUGGA CUGAUGAG GCCGULAGGC CGAA AGAAAGAC 26443 3313 7717 UCUUUCUU U CCANACCU 8068 AGGUUUG CUGAUGAG GCCGULAGGC CGAA AGAAAGAA C 26443 3314 7716 CUUUCUUU U CCANACCU 8069 AGGUUUG CUGAUGAG GCCGULAGGC CGAA AGAAAGAA 26445 3322 7708 ACAACCU C UCCCAAGG 8070 CCCUUGGA CUGAUGAG GCCGULAGGC CGAA AGAGAAGA 26445 3324 7706 AAACCUC C CCAAGGG 8071 CACCUUGG CUGAUGAG GCCGULAGGC CGAA AGAGAGAU 26447 3336 7694 AGGUGUCU C CCAAGGGG 8071 CACCUUGG CUGAUGAG GCCGULAGGC CGAA AGAGGUUUG 26447 3336 7694 AGGUGUCU U UUGCCCCA 8072 GUGAUAAA GCGAULAGG CGAA AGAGGGCC 26448 3339 7691 UGCGUCCU U UUGCCCCA 8073 UGGGGCAA CUGAUGAG GCCGULAGGC CGAA AGGGGCC 26450 3341 7689 GUCCUUU U UGCCCCAC 8075 GUGGGGC CUGAUGAG GCCGULAGGC CGAA AGGGGCG 26451 3351 7679 CCCCACCU U UULAGUCC 8076 ACUAAAAA CUGAUGAG GCCGULAGGC CGAA AGGGCGC 26451 3351 7679 CCCCACCU U UULAGUCC 8077 ACUAAAAA CUGAUGAG GCCGULAGGC CGAA AGGGGCG 26451 3353 7676 CACCUCUU U ULAGUCCU 8077 AGGACUAA CUGAUGAG GCCGULAGGC CGAA AGGGGCG 26451 3353 7676 CACCUCUU U ULAGUCCU 8078 AGGACUA CUGAUGAG GCCGULAGGC CGAA AGGGGCG 26451 3353 7676 CACCUCUU U ULAGUCCU 8078 AGGACUA CUGAUGAG GCCGULAGGC CGAA AGAGGGC 26451 3353 7676 CACCUCUU U ULAGUCCU 8078 AGGACUA CUGAUGAG GCCGULAGGC CGAA AAGAGGG 26451 3354 7676 CACCUCUU U ULAGUCCU 8078 AGGACUA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3354 7676 CACCUCUU U ULAGUCCU 8078 AGGACUA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3356 7674 CUCUUUULA GUCCUGA 8078 AGCAUGAG CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3356 7675 ACCUCUUU U AGUCCUG 8081 ACCAGGGA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3366 7674 CUUCUUULA GUCCUG 8081 ACCAGGGA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3366 7664 GUCCUGGGU U UUCCAUG 8081 ACCAGGGA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26451 3366 7664 GUCCUGGG U ULAGGC CGAA CACCAGGA CCGGGCGA AAAAAGAGG	3310	7720	GAGUCUUU C UUUCCAAA	8066	UUUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAAGACUC 26	6442
3314 7717 UCUUUCUU U CCAAACCU 8068 AGGUUUGG CUGAUGAG GCCGUUAGGC COAA AAGAAAGA 26444 3314 7716 CUUUCUUU C CAAACCU C 8069 GAGGUUUGG CUGAUGAG GCCGUUAGGC COAA AAGAAAGA 26445 3322 7706 CAAACCU C UCCCAAGG 8070 CCUUUGGGA CUGAUGAG GCCGUUAGGC COAA AAGGAACG 26446 3324 7706 AAACCUCU C CCAAGGUU B 8071 CCCUUGGGA CUGAUGAG GCCGUUAGGC COAA AAGGACG 26446 3324 7706 AAACCUCU C CCAAGGU B 8071 CACCUUGG CUGAUGAG GCCGUUAGGC COAA AAGGACG 26448 3336 7691 UGCGUCCU U UUGCCCCCA 8073 UGGGGCAA CUGAUGAG GCCGUUAGGC COAA AAGGACGC 26448 3334 7669 GCGUCCUU U UGCCCCCA 8073 UGGGGCA CUGAUGAG GCCGUUAGGC COAA AAGGACGC 26451 3341 7669 CGUCCUUU U GCCCCCAC 8075 GGUGGGCA CUGAUGAG GCCGUUAGGC COAA AAGGACGC 26451 3351 7679 CCCCACCU U UUUAGU 8076 GGUGAAAAA CUGAUGAG GCCGUUAGGC COAA AAGGACGC 26451 3351 7677 CCACCUCUU U UUAGUCCCC 8075 GGUGGGCA CUGAUGAG GCCGUUAGGC COAA AAGGACGC 26451 3351 7676 CCACCUCUU U UUAGUCCC 8078 AGGACUAA CUGAUGAG GCCGUUAGGC COAA AAGGACG 26453 3354 7676 CCACCUCUU U UUAGUCCUG 8078 AGGACUAA CUGAUGAG GCCGUUAGGC COAA AAGGACG 26453 3355 7675 ACCUCUUU U UAGUCCUG 8078 AGGACUAA CUGAUGAG GCCGUUAGGC COAA AAGGACG 26453 3355 7676 CCACUCUUU U UAGUCCUG 8078 AGGACUAA CUGAUGAG GCCGUUAGGC COAA AAGGACG 26453 3355 7676 CCCUCUUUU U AGUCCUG 8078 AGGACUAA CUGAUGAG GCCGUUAGGC COAA AAGGACG 26453 3355 7675 ACCUCUUUU U AGUCCUG 8078 AGGACUAA CUGAUGAG GCCGUUAGGC COAA AAAGAGG 26453 3355 7676 CUCUUUUU A GUCCUGG 8081 ACACGGC CUGAUGAG GCCGUUAGGC COAA AAAGAGG 26453 3355 7675 CUCUUUUU U AGUCCUG 8089 CCACGGAC CUGAUGAG GCCGUUAGGC COAA AAAAGAG 26455 3355 7675 CUCUUUUU U AGUCCUG 8081 AAAACCG CUGAUGAG GCCGUUAGGC COAA AAAAGAG 26455 33567 7630 UCUUUGAUG CUGAUGAG CUGAUGAG GCCGUUAGGC COAA AAAAGAG 26455 33567 7651 UUUCCAUG U UACCAGGA CUGAUGAG CUGAUGAG GCCGUUAGGC COAA AAAAGAG 26455 33567 7661 UUGUUUU CAAGUUUU U AGUCCUG CUGAUGAG CUGAUGAG GCCGUUAGG			GUCUUUCU U UCCAAACC	8067		
3312 7716	}			 		
3322 7768 CCAAACCU C UCCCAAGG 8070 CCUUGGGA CUGAUGAG GCCGUUAGGC CGAA AGAGGUUU 26447 3336 7694 AGGUGGU C CUUUUUGC 8072 GGCAAAAA CUGAUGAG GCCGUUAGGC CGAA AGAGGUUU 26447 3336 7694 AGGUGGGU C CUUUUGCC 8073 UGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AGAGCACC 26449 3339 7691 UGCGUCCU U UUGCCCCAC 8073 UGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AGGAGCAC 26449 3339 7691 UGCGUCCU U UUGCCCCAC 8073 UGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AGGAGCAC 26449 3341 7699 GCGUCCUUU U GCCCCAC 8075 GGUGGGGC CUGAUGAG GCCGUUAGGC CGAA AGGAGCAC 26451 3351 7679 CCCCACCU C UUUUUAGU 8076 ACUAAAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGGG 26451 3351 7677 CCACCUCU U UUUAGUCC 8077 GGACUAAA CUGAUGAG GCCGUUAGGC CGAA AGAGGGG 26451 3354 7676 CACCUCUU U UUAGUCCU 8078 AGGACUAA CUGAUGAG GCCGUUAGGC CGAA AGAGGGGG 26452 3355 7677 ACCUCUUUU U AGUCCUGG 8080 CCAGGACU CUGAUGAG GCCGUUAGGC CGAA AAAAGGAC 26451 3355 7675 ACCUCUUUU U AGUCCUGG 8080 CCAGGACU CUGAUGAG GCCGUUAGGC CGAA AAAAGGAC 26456 3357 7676 CUCUUUUU U AGUCCUGG 8080 CCAGGACU CUGAUGAG GCCGUUAGGC CGAA AAAAGGAC 26457 3357 7673 ACCUCUUCUU U AGUCCUGG 8081 ACCAGGAC CUGAUGAG GCCGUUAGGC GGAA AAAAGGAC 26457 3357 7674 CUCUUUUU U AGUCCUGG 8081 ACCAGGAC CUGAUGAG GCCGUUAGGC GGAA AAAAGGAG 26457 3356 7670 UUUUUAGU CUCUAUGA 8082 AAAACCAG CUGAUGAG GCCGUUAGGC GGAA ACAAGAAA 26457 3366 7664 GUCCUGGU U UUCCAUG 8082 AAAACCAG CUGAUGAG GCCGUUAGGC GGAA ACAAGAAA 26458 3366 7664 GUCCUGGU U UUCCAUG 8082 AAAACCAG CUGAUGAG GCCGUUAGGC GGAA ACAAGAGAC 26461 3366 7662 CUCUGUUU U CAAUGUU 8082 AAAACCAG CUGAUGAG GCCGUUAGGC GGAA ACACAGG 26461 3366 7662 CUCUGUUU U CAAUGUU 8082 AAAACCAG CUGAUGAG GCCGUUAGGC GGAA AAACCAG 26462 3366 7661 GUCCUGGU U UUCCAUG 8082 ACACAGG GCGGUUAGGC GGAA AAACCAG 26462 3366 7661 GUCGUUAGGC GGAA ACACAGG 26461 3366 7661 GUCGUUAGGC GGAA ACAC						
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3336 7694 AGGIGCGU C CUIUUUGCC 8072 GGCABAG CUGAUGAG GCCGULAGGC CGAA AGGACCC 26449 3349 7691 UGCGUCCU U UUGCCCCAC 8073 UGGGGCA CUGAUGAG GCCGULAGGC CGAA AGGACCC 26449 3344 7699 GGUCCUU U UGCCCCAC 8075 GGUGGGC CUGAUGAG GCCGULAGGC CGAA AGGACCC 26451 3341 7699 GGUCCUU U UGCCCCAC 8075 GGUGGGC CUGAUGAG GCCGULAGGC CGAA AGAGCGC 26451 3351 7679 CCCCCCC C UUUUUUUUGU 8076 ACUAAAA CUGAUGAG GCCGULAGGC CGAA AGAGGGG 26452 3353 7677 CCCCCCCU U UUUAGUC 8077 GGACUAAA CUGAUGAG GCCGULAGGC CGAA AGAGGGG 26453 3354 7676 CACCUCUU U UUAGUCC 8078 AGGACUAA CUGAUGAG GCCGULAGGC CGAA AGAGGGG 26453 3354 7676 CACCUCUU U UUAGUCC 8078 AGGACUAA CUGAUGAG GCCGULAGGC CGAA AGAGGGG 26453 3355 7675 ACCUCUUU U AGUCCUG 8078 CAGGACUA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26454 3355 7675 ACCUCUUU U AGUCCUG 8078 CAGGACUA CUGAUGAG GCCGULAGGC CGAA AAAAGAGG 26454 3355 7675 CACCUCUUU U AGUCCUG 8080 CCAGGACU CUGAUGAG GCCGULAGGC CGAA AAAAGAG 26456 3355 7673 CUUUUUUU A GUCCUGGU 8080 CCAGGACU CUGAUGAG GCCGULAGGC CGAA AAAAGAG 26456 3366 7661 CUUGUUUU A GUCCUGGU 8082 AAAACCAG CUGAUGAG GCCGULAGGC CGAA AAAAGAG 26456 3366 7662 CUCUGGUU U UUCCAUGU 8082 AAAACCAG CUGAUGAG GCCGULAGGC CGAA ACCAGGA 26458 3366 7662 CUCUGGUU U UCCAUGUU 8085 AACAUGAA CUGAUGAG GCCGULAGGC CGAA AAAACCAG 26461 3366 7662 CUCUGUUU U CCAUGUU 8085 AACAUGAA CUGAUGAG GCCGULAGGC CGAA AAACCAG 26461 3376 7661 CUGGUUUU C CAUGUUC 8085 AACAUGAA CUGAUGAG GCCGULAGGC CGAA AAACCAG 26462 3376 7661 CUGGUUU U CCAUGUU 8085 AACAUGAA CUGAUGAG GCCGULAGGC CGAA AAACCAG 26463 3376 7661 CUGGUUU U CCAUGUU 8085 AACAUGAA CUGAUGAG GCCGULAGGC CGAA AAACCAG 26463 3376 7661 CUGGUUU U CCAUGUU 8085 AACAUGA CUGAUGAG GCCGULAGGC CGAA AAACCAG 26463 3376 7661 CUGGUUU U CCAUGUU 8085 AACAUGA CUGAUGAG GCCGULAGGC CGAA AAACCAG 26463 3376 7661 CUGGUUU U CCAUGUU 8085 GACAUUA GCGUUAGG GCCGULAGG						
3339 7691 UGCGUCCU U UUGCCCCAC 8073 UGGGGCA CUGAUGAG GCCGUUAGGC CGAA AGGACGCA 26449 3340 7699 CGGUCCUUU U UGCCCCAC 8075 GUGGGGCA CUGAUGAG GCCGUUAGGC CGAA AAGGACG 26451 3351 7679 CCCCACCU C UUUUAGU 8075 GUGGGGC CUGAUGAG GCCGUUAGGC CGAA AAGGACG 26451 3353 7677 CCACCUCUU UUUAGUCC 8077 GGACUAAA CUGAUGAG GCCGUUAGGC CGAA AAGGACG 26451 3353 7676 CACCUCUU UUUAGUCC 8078 AGGACUAA CUGAUGAG GCCGUUAGGC CGAA AAGGAGG 26452 3355 7675 ACCUCUUU U UUAGUCCU 8078 AGGACUAA CUGAUGAG GCCGUUAGGC CGAA AAGAGGUG 26453 3355 7675 ACCUCUUU U UAGUCCUG 8079 CAGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGUG 26453 3355 7675 ACCUCUUU U AGUCCUGG 8080 CCAGGACU CUGAUGAG GCCGUUAGGC CGAA AAAGAGGU 26455 3356 7676 CCUCUUUU U AGUCCUGG 8080 CCAGGACU CUGAUGAG GCCGUUAGGC CGAA AAAAGAGG 26457 3356 7677 CCUCUUUU U AGUCCUGG 8081 ACCAGGAC CUGAUGAG GCCGUUAGGC CGAA AAAAAGAG 26457 3356 7673 CUCUUUUU A GUCCUGGU 8081 ACCAGGAC CUGAUGAG GCCGUUAGGC CGAA AAAAAGAG 26457 3356 7664 GUCCUGGU U UUUCCAUG 8083 CAUGAGAA CUGAUGAG GCCGUUAGGC CGAA ACAAGAG 26459 3368 7664 GUCCUGGUU U UCCCAUGUU 8085 AACAUGGA CUGAUGAG GCCGUUAGGC CGAA AAACAGG 26459 3368 7665 UCCUGGUU U UCCCAUGUU 8085 AACAUGGA CUGAUGAG GCCGUUAGGC CGAA AAACAGG 26460 3369 7661 CUGGUUUU U CCAUGUU 8085 AACAUGGA CUGAUGAG GCCGUUAGGC CGAA AAAACAG 26463 3370 7660 UGGUUUU U CCAUGUU 8087 AGACAUGG CUGAUGAG GCCGUUAGGC CGAA AAAACAG 26463 3370 7661 UUGCAUGUU B086 GAACAUGG CUGAUGAG GCCGUUAGGC CGAA AAAACAG 26463 3370 7665 UUGCAUGUU CAUGUUCU 8086 GAACAUGG CUGAUGAG GCCGUUAGGC CGAA AAAACAG 26463 3370 7665 UUGCAUGUU CAUGUUCU 8087 AGACAUG CUGAUGAG GCCGUUAGGC CGAA AAAACAG 26463 3370 7665 UUGCAUGUU CAUGUUCU 8087 AGACAUG CUGAUGAG GCCGUUAGGC CGAA AAAACAG 26463 3370 7653 UCCAUGUU CAUGAGG 8098 CUCAUAAA						
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3354 7676	3351	7679	CCCCACCU C UUUUUAGU	8076	ACUAAAAA CUGAUGAG GCCGUUAGGC CGAA AGGUGGGG 26	6452
3355 7675 ACCUCUUU U UAGUCCUG 8079 CAGGACUA CUGAUGAG GCGUUAGGC CGAA AAAGAGGU 26455 3356 7674 CCUCUUUU U AGUCCUGGU 8081 ACCAGGAC CUGAUGAG GCGGUUAGGC CGAA AAAAGAGG 26456 3357 7673 CUCUUUUU A GUCCUGGU 8081 ACCAGGAC CUGAUGAG GCCGUUAGGC CGAA AAAAGAGG 26457 3360 7670 UUUUUAGU C CUGGUUUU 8082 AAAACCAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAA 26458 3366 7664 GUCCUGGU U UUUCCAUG 8083 CAUGGAAA CUGAUGAG GCCGUUAGGC CGAA ACCAGGAC 26459 3367 7663 UCCUGGGU U UUCCAUG 8084 ACAUGGAA CUGAUGAG GCCGUUAGGC CGAA ACCAGGAC 26469 3368 7662 CCUGGUUU U UCCAUGU 8085 AACAUGGA CUGAUGAG GCCGUUAGGC CGAA ACCAGGAC 26461 3369 7661 CUGGUUUU U CCAUGUUC 8086 GAACAUG CUGAUGAG GCCGUUAGGC CGAA AAACCAG 26461 3369 7661 CUGGUUUU U CCAUGUUC 8086 GAACAUG CUGAUGAG GCCGUUAGGC CGAA AAAACCAG 26462 3370 7660 UGGUUGU CUUUAUGA 8088 UCAUAAAA CUGAUGAG GCCGUUAGGC CGAA AAAACCA 26463 3376 7654 UUCCAUGU U CUUUAUGA 8088 UCAUAAAA CUGAUGAG GCCGUUAGGC CGAA AAAACCA 26463 3376 7651 CUCAUGUU U UAUGAGU 8089 CUCAUAAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGA 26465 3380 7651 CAUGUUCU U UAUGAGUG 8089 CUCAUAAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGA 26465 3380 7650 AUGUUCUU U AUGAGUG 8099 CACUCAU CUGAUGAG GCCGUUAGGC CGAA AAAACAU 26465 3380 7650 AUGUUCUU U AUGAGUG 8099 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AACAUG 26465 3380 7649 UGUUCUUU AUGAGUG 8099 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AACAUG 26465 3389 7645 UGUUCUU U AUGAGUG 8099 ACACUCA CUGAUGAG GCCGUUAGGC CGAA AACAUG 26466 3389 7641 AUGAGUGU CAUGUUAU 8093 AUAACUG CUGAUGAG GCCGUUAGGC CGAA AACAUG 26466 3389 7645 UCCAUGU AUGAGUGC CGAA ACAUGGA 26466 3389 7646 AUGAGGA CAUGUGC CAUGUGA 8099 UGUACCAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAU 26466 3389 7645 UCCAUGU AUGAGGC CGAA ACAUGGA 26470 3460 7659 GUC	3353	7677	CCACCUCU U UUUAGUCC	8077	GGACUAAA CUGAUGAG GCCGUUAGGC CGAA AGAGGUGG 26	6453
3356 7674 CCUCUUUU U AGUCCUGG 8080 CCAGGACU CUGAUGAG GCCGUUAGGC CGAA AAAAGAGG 26456 3357 7673 CUCUUUUU A GUCCUGGU 8081 ACCAGGAC CUGAUGAG GCCGUUAGGC CGAA AAAAAGAG 26457 3360 7670 UUUUAGGU C CUGGUUUU 8082 AAAACAG CUGAUGAG GCCGUUAGGC CGAA ACUAAAAA 26458 3366 7664 GUCCUGGU U UUUCCAUG 8083 CAUGGAAA CUGAUGAG GCCGUUAGGC CGAA ACUAAAAA 26458 3367 7663 UCCUGGUU U UUCCAUGU 8084 ACAUGGAA CUGAUGAG GCCGUUAGGC CGAA AACCAGGA 26460 3368 7662 CCUGGUUU U UCCAUGUU 8085 AACAUGGA CUGAUGAG GCCGUUAGGC CGAA AAACCAGG 26461 3369 7661 CUGGUUUU U CCAUGUU 8085 AACAUGGA CUGAUGAG GCCGUUAGGC CGAA AAAACCAG 26462 3370 7660 UGGUUUU C CAUGUUCU 8087 AGAACAUG CUGAUGAG GCCGUUAGGC CGAA AAAACCA 26463 3370 7651 UUCCAUGUU U UUUAUGAG 8088 UCAUAAAA CUGAUGAG GCCGUUAGGC CGAA AAAACCA 26463 3377 7653 UCCAUGUUC U UUUAUGAG 8088 UCAUAAAA CUGAUGAG GCCGUUAGGC CGAA AAAACCA 26463 3379 7651 CAUGUUCU U UUAUGAG 8089 CUCAUAAA CUGAUGAG GCCGUUAGGC CGAA AAAACCA 26464 3380 7650 AUGUUCUU U UAUGAGUG 8091 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AAAACAC 26467 3381 7649 UGUUCUU U AUGAGUGU 8091 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AAAACAC 26467 3381 7649 UGUUCUU U AUGAGUGU 8092 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AAAACAC 26467 3396 7635 GUCCAUGAU AUGAGUGU 8092 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AAAGACA 26467 3396 7635 GUCCAUGAU AUGAGUGU 8092 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AAAGACA 26467 3396 7635 GUCCAUGAU AUGAGUGU 8093 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AAAGACA 26467 3396 7635 GUCCAUGAU AUGAGUGU 8093 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AAAGACA 26467 3396 7635 GUCCAUGAU AUGAGUGA 8094 CUAUCCAU CUGAUGAG GCCGUUAGGC CGAA AACAUGAC 26473 3455 7578 AUGCAUGAU AUGAUGAG 8094 CUAUCCAU CUGAUGAG GCCGUUAGGC CGAA AACAUGAC 26473 3455 7575 GCAGUUGU AUGAUGAC 8099 ACACUCCAU CUGAUGAG GCCGUUAGGC CGAA AACAUGAC 26	3354	7676	CACCUCUU U UUAGUCCU	8078	AGGACUAA CUGAUGAG GCCGUUAGGC CGAA AAGAGGUG 26	6454
3357 7673 CUCUUUUU A GUCCUGGU 8081 ACCAGGAC CUGAUGAG GCCGUUAGGC CGAA AAAAAGAG 26457 3360 7670 UUUUUAGU C CUGGUUUUU 8082 AAACCAG CUGAUGAG GCCGUUAGGC CGAA ACCAGAAAA 26458 3367 7664 GUCCUGGUU U UUUCCAUGU 8083 CAUGGAAA CUGAUGAG GCCGUUAGGC CGAA ACCAGGAC 26460 3368 7662 CCUGGUUU U UUCCAUGUU 8085 ACAUGGAA CUGAUGAG GCCGUUAGGC CGAA AACCAGGA 26460 3369 7661 CUGGUUUU U CCAUGUUC 8085 AACAUGGA CUGAUGAG GCCGUUAGGC CGAA AAACCAGG 26461 3370 7660 UGGUUUUU C CAUGUUCC 8086 GAACAUGG CUGAUGAG GCCGUUAGGC CGAA AAAACCAG 26461 3370 7661 CUGGUUUU C CAUGUUCC 8087 AGAACAUG CUGAUGAG GCCGUUAGGC CGAA AAAACCAG 26461 3370 7660 UGGUUUUU C CAUGUUCC 8087 AGAACAUG CUGAUGAG GCCGUUAGGC CGAA AAAAACCA 26463 3370 7654 UUCCAUGUU C UUUAUGAG 8088 UCAUAAAA CUGAUGAG GCCGUUAGGC CGAA AAAAACCA 26463 3377 7653 UCCAUGUUC U UUUAUGAG 8088 UCAUAAAA CUGAUGAG GCCGUUAGGC CGAA AACAUGGAA 26464 3377 7651 CAUGUUCU U UAUGAGGG 8099 CACUCAUA CUGAUGAG GCCGUUAGGC CGAA AACAUGGA 26465 3380 7650 AUGUUCUU U AUGAGUGG 8091 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AACAUGGA 26467 3381 7649 UGUUCUUU A UGAGUGU 8091 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AACACAU 26467 3381 7640 UGUUCUUU A UGAGUGU 8091 ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AACACAU 26467 3389 7635 GUCCAUGUU A UGAGUGG 8092 GACACUCA CUGAUGAG GCCGUUAGGC CGAA AACACAU 26467 3395 7635 GUCCAUGUU A UGGAUGAG 8092 GACACUCA CUGAUGAG GCCGUUAGGC CGAA AACACAU 26467 3396 7634 UCCAUGUU A UGAGUGG 8092 GACACUCA CUGAUGAG GCCGUUAGGC CGAA AACACAU 26467 3396 7634 UCCAUGUU A UGGAUGAG 8094 CUAUCCAU CUGAUGAG GCCGUUAGGC CGAA AACACAU 26467 3396 7635 GUCCAUGU U A UGGAUGAG 8092 GACACUCA CUGAUGAG GCCGUUAGGC CGAA AACACAUC 26473 3402 7638 UCCAUGUU A UGGAUGAG 8094 CUAUCCAU CUGAUGAG GCCGUUAGGC CGAA AACACCAU 26476 3402 7578 AUGACGAU C CUGAUGAG GUCAUGAG GCCGUUAGGC CGAA ACAUCCAU 26476 3	3355	7675	ACCUCUUU U UAGUCCUG	8079	CAGGACUA CUGAUGAG GCCGUUAGGC CGAA AAAGAGGU 26	6455
3360 7670	3356	7674	CCUCUUUU U AGUCCUGG	8080	CCAGGACU CUGAUGAG GCCGUUAGGC CGAA AAAAGAGG 26	6456
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3484 7546 UCCAUUCU C CCAAAGCG 8106 CGCUUUGG CUGAUGAG GCCGUUAGGC CGAA AGAAUGGA 26482 3494 7536 CAAAGCGU C ACCGCUGC 8107 GCAGCGGU CUGAUGAG GCCGUUAGGC CGAA ACGCUUUG 26483 3512 7518 GCCGUGAU C AAAAUUCC 8108 GGAAUUUU CUGAUGAG GCCGUUAGGC CGAA AUCACGGC 26484 3518 7512 AUCAAAAU U CCGGCUUC 8109 GAAGCCGG CUGAUGAG GCCGUUAGGC CGAA AUUUUGAU 26485 3519 7511 UCAAAAUU C CGGCUUCU 8110 AGAAGCCG CUGAUGAG GCCGUUAGGC CGAA AAUUUUGAU 26486						
3494 7536 CAAAGCGU C ACCGCUGC 8107 GCAGCGGU CUGAUGAG GCCGUUAGGC CGAA ACGCUUUG 26483 3512 7518 GCCGUGAU C AAAAUUCC 8108 GGAAUUUU CUGAUGAG GCCGUUAGGC CGAA AUCACGGC 26484 3518 7512 AUCAAAAU U CCGGCUUC 8109 GAAGCCGG CUGAUGAG GCCGUUAGGC CGAA AUUUUGAU 26485 3519 7511 UCAAAAUU C CGGCUUCU 8110 AGAAGCCG CUGAUGAG GCCGUUAGGC CGAA AAUUUUGAU 26486						
3512 7518 GCCGUGAU C AAAAUUCC 8108 GGAAUUUU CUGAUGAG GCCGUUAGGC CGAA AUCACGGC 26484 3518 7512 AUCAAAAU U CCGGCUUC 8109 GAAGCCGG CUGAUGAG GCCGUUAGGC CGAA AUUUUGAU 26485 3519 7511 UCAAAAUU C CGGCUUCU 8110 AGAAGCCG CUGAUGAG GCCGUUAGGC CGAA AAUUUUGA 26486						
3518 7512 AUCAAAAU U CCGGCUUC 8109 GAAGCCGG CUGAUGAG GCCGUUAGGC CGAA AUUUUGAU 26485 3519 7511 UCAAAAUU C CGGCUUCU 8110 AGAAGCCG CUGAUGAG GCCGUUAGGC CGAA AAUUUUGA 26486						
3519 7511 UCAAAAUU C CGGCUUCU 8110 AGAAGCCG CUGAUGAG GCCGUUAGGC CGAA AAUUUUGA 26486						
						6485
3525 7505 UUCCGGCU U CUCGUACU 8111 AGUACGAG CUGAUGAG GCCGUUAGGC CGAA AGCCGGAA 26487						6486
	3525	7505	UUCCGGCU U CUCGUACU	8111	AGUACGAG CUGAUGAG GCCGUUAGGC CGAA AGCCGGAA 26	6487

	WO 02/	068637	Table	e VIII PC1/US01/48350
2526	7504	UCCGGCUU C UCGUACUG	8112	CAGUACGA CUGAUGAG GCCGUUAGGC CGAA AAGCCGGA 2648
3526		CGGCUUCU C GUACUGUC	8113	GACAGUAC CUGAUGAG GCCGUUAGGC CGAA AGAAGCCG 2648
3528	7502		8114	GAAGACAG CUGAUGAG GCCGUUAGGC CGAA ACGAGAAG 2649
3531	7499	CUUCUCGU A CUGUCUUC		UCUGUGAA CUGAUGAG GCCGUUAGGC CGAA ACAGUACG 2649
3536	7494	CGUACUGU C UUCACAGA	8115	000000000000000000000000000000000000000
3538	7492	UACUGUCU U CACAGACG	8116	CCCCCCC CCCCCC
3539	7491	ACUGUCUU C ACAGACGG	8117	CCGUCUGU CUGAUGAG GCCGUUAGGC CGAA AAGACAGU 2649
3550	7480	AGACGGGU U CACUACUA	8118	UAGUAGUG CUGAUGAG GCCGUUAGGC CGAA ACCCGUCU 2649
3551	7479	GACGGGUU C ACUACUAC	8119	GUAGUAGU CUGAUGAG GCCGUUAGGC CGAA AACCCGUC 2649
3555	7475	GGUUCACU A CUACUGCA	8120	UGCAGUAG CUGAUGAG GCCGUUAGGC CGAA AGUGAACC 2649
3558	7472	UCACUACU A CUGCAGCU	8121	AGCUGCAG CUGAUGAG GCCGUUAGGC CGAA AGUAGUGA 2649
3567	7463	CUGCAGCU A GAGACACC	8122	GGUGUCUC CUGAUGAG GCCGUUAGGC CGAA AGCUGCAG 2649
3581	7449	ACCAAGAU C AGCAUGAU	8123	AUCAUGCU CUGAUGAG GCCGUUAGGC CGAA AUCUUGGU 2649
3590	7440	AGCAUGAU C UGUCCAAC	8124	GUUGGACA CUGAUGAG GCCGUUAGGC CGAA AUCAUGCU 2650
3594	7436	UGAUCUGU C CAACUUUC	8125	GAAAGUUG CUGAUGAG GCCGUUAGGC CGAA ACAGAUCA 2650
		GUCCAACU U UCUUCUGC	8126	GCAGAAGA CUGAUGAG GCCGUUAGGC CGAA AGUUGGAC 2650
3600	7430	UCCAACUU U CUUCUGCA	8127	UGCAGAAG CUGAUGAG GCCGUUAGGC CGAA AAGUUGGA 2650
3601	7429		8128	AUGCAGAA CUGAUGAG GCCGUUAGGC CGAA AAAGUUGG 2650
3602	7428	CCAACUUU C UUCUGCAU		UCAUGCAG CUGAUGAG GCCGUUAGGC CGAA AGAAAGUU 2650
3604	7426	AACUUUCU U CUGCAUGA	8129	00.000.0 000.00.0 00000.001
3605	7425	ACUUUCUU C UGCAUGAU	8130	AUCAUGCA CUGAUGAG GCCGUUAGGC CGAA AAGAAAGU 2650 CAGAAUUA CUGAUGAG GCCGUUAGGC CGAA AGCGCACC 2650
3628	7402	GGUGCGCU C UAAUUCUG	8131	
3630	7400	UGCGCUCU A AUUCUGGG	8132	CCCAGAAU CUGAUGAG GCCGUUAGGC CGAA AGAGCGCA 2650
3633	7397	GCUCUAAU U CUGGGACG	8133	CGUCCCAG CUGAUGAG GCCGUUAGGC CGAA AUUAGAGC 2650
3634	7396	CUCUAAUU C UGGGACGU	8134	ACGUCCCA CUGAUGAG GCCGUUAGGC CGAA AAUUAGAG 265:
3643	7387	UGGGACGU C CGUGGCCA	8135	UGGCCACG CUGAUGAG GCCGUUAGGC CGAA ACGUCCCA 265:
3661	7369	GAUGCCAU C CACUACAG	8136	CUGUAGUG CUGAUGAG GCCGUUAGGC CGAA AUGGCAUC 265
3666	7364	CAUCCACU A CAGCGUUC	8137	GAACGCUG CUGAUGAG GCCGUUAGGC CGAA AGUGGAUG 265:
3673	7357	UACAGCGU U CUUCAUGA	8138	UCAUGAAG CUGAUGAG GCCGUUAGGC CGAA ACGCUGUA 265:
3674	7356	ACAGCGUU C UUCAUGAU	8139	AUCAUGAA CUGAUGAG GCCGUUAGGC CGAA AACGCUGU 265
3676	7354	AGCGUUCU U CAUGAUUC	8140	GAAUCAUG CUGAUGAG GCCGUUAGGC CGAA AGAACGCU 265
<u> </u>		GCGUUCUU C AUGAUUCC	8141	GGAAUCAU CUGAUGAG GCCGUUAGGC CGAA AAGAACGC 265
3677	7353	UUCAUGAU U CCGGCCGC	8142	GCGGCCGG CUGAUGAG GCCGUUAGGC CGAA AUCAUGAA 265
3683	7347		8143	AGCGGCCG CUGAUGAG GCCGUUAGGC CGAA AAUCAUGA 265
3684	7346	UCAUGAUU C CGGCCGCU		CAGCGGCG CUGAUGAG GCCGUUAGGC CGAA ACAGCGGC 265
3695	7335	GCCGCUGU C CGCCGCUG	8144	GCUGAGGC CUGAUGAG GCCGUUAGGC CGAA AUGCGCUC 265
3716	7314	GAGCGCAU U GCCUCAGC	8145	
3721	7309	CAUUGCCU C AGCUUGCC	8146	GGCAAGCU CUGAUGAG GCCGUUAGGC CGAA AGGCAAUG 265
3726	7304	CCUCAGCU U GCCAACCG	8147	CGGUUGGC CUGAUGAG GCCGUUAGGC CGAA AGCUGAGG 265
3745	7285	AACCAUGU A GGCAUAGU	8148	ACUAUGCC CUGAUGAG GCCGUUAGGC CGAA ACAUGGUU 265
3751	7279	GUAGGCAU A GUGGCAAA	8149	UUUGCCAC CUGAUGAG GCCGUUAGGC CGAA AUGCCUAC 265
3770	7260	AGGAGUGU U GCCGCUGU	8150	ACAGCGGC CUGAUGAG GCCGUUAGGC CGAA ACACUCCU 265
3779	7251	GCCGCUGU U ACCGUAAC	8151	GUUACGGU CUGAUGAG GCCGUUAGGC CGAA ACAGCGGC 265
3780	7250	CCGCUGUU A CCGUAACG	8152	CGUUACGG CUGAUGAG GCCGUUAGGC CGAA AACAGCGG 265
3785	7245	GUUACCGU A ACGGUGAG	8153	CUCACCGU CUGAUGAG GCCGUUAGGC CGAA ACGGUAAC 265
3801	7229	GGGUGACU U GUCCCCAG	8154	CUGGGGAC CUGAUGAG GCCGUUAGGC CGAA AGUCACCC 265
3804	7226	UGACUUGU C CCCAGCAU	8155	AUGCUGGG CUGAUGAG GCCGUUAGGC CGAA ACAAGUCA 265
3813	7217	CCCAGCAU C CGGCUGCU	8156	AGCAGCCG CUGAUGAG GCCGUUAGGC CGAA AUGCUGGG 265
3822	7208	CGGCUGCU A GCAGGAGA	8157	UCUCCUGC CUGAUGAG GCCGUUAGGC CGAA AGCAGCCG 265
3840	7190	CCGACACU C CAACAUCG	8158	CGAUGUUG CUGAUGAG GCCGUUAGGC CGAA AGUGUCGG 265
3847	7183	UCCAACAU C GACGAAGG	8159	CCUUCGUC CUGAUGAG GCCGUUAGGC CGAA AUGUUGGA 265
		GGAAGCCU C GCGCGAGU	8160	ACUCGCGC CUGAUGAG GCCGUUAGGC CGAA AGGCUUCC 265
3864	7166		 	AGUGGAC CUGAUGAG GCCGUUAGGC CGAA AUUCACAC 265
3879	7151	GUGUGAAU A GUGCACUU	8161	
3887	7143	AGUGCACU U GCCUGAAC	8162	GUUCAGGC CUGAUGAG GCCGUUAGGC CGAA AGUGCACU 265
3898	7132	CUGAACGU U UAUUGAGG	8163	CCUCAAUA CUGAUGAG GCCGUUAGGC CGAA ACGUUCAG 265
3899	7131	UGAACGUU U AUUGAGGU	8164	ACCUCAAU CUGAUGAG GCCGUUAGGC CGAA AACGUUCA 265
3900	7130	GAACGUUU A UUGAGGUC	8165	GACCUCAA CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 265
3902	7128	ACGUUUAU U GAGGUCAA	8166	UUGACCUC CUGAUGAG GCCGUUAGGC CGAA AUAAACGU 265
3908	7122	AUUGAGGU C AAUGAGGU	8167	ACCUCAUU CUGAUGAG GCCGUUAGGC CGAA ACCUCAAU 265
3919	7111	UGAGGUGU U GAUGUAAU	8168	AUUACAUC CUGAUGAG GCCGUUAGGC CGAA ACACCUCA 265
3925	7105	GUUGAUGU A AUCUGACG	8169	CGUCAGAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC 265
3928	7102	GAUGUAAU C UGACGUGA	8170	UCACGUCA CUGAUGAG GCCGUUAGGC CGAA AUUACAUC 265
3938	7092	GACGUGAU C AAAUGCUU	8171	AAGCAUUU CUGAUGAG GCCGUUAGGC CGAA AUCACGUC 265
3946	7084	CAAAUGCU U UAGCAGUG	8172	CACUGCUA CUGAUGAG GCCGUUAGGC CGAA AGCAUUUG 265
3947	7083	AAAUGCUU U AGCAGUGG	8173	CCACUGCU CUGAUGAG GCCGUUAGGC CGAA AAGCAUUU 265
	L , 505			

Table VIII

			1 401	e viii	
3948	7082	AAUGCUUU A GCAGUGGA	8174	UCCACUGC CUGAUGAG GCCGUUAGGC CGAA AAAGCAUU	26550
3971	7059	ACCGCUGU U GUCACAGC	8175	GCUGUGAC CUGAUGAG GCCGUUAGGC CGAA ACAGCGGU	26551
3974	7056	GCUGUUGU C ACAGCGUA	8176	UACGCUGU CUGAUGAG GCCGUUAGGC CGAA ACAACAGC	26552
3982	7048	CACAGCGU A CAGUGACC	8177	GGUCACUG CUGAUGAG GCCGUUAGGC CGAA ACGCUGUG	26553
3998	7032	CAGGCUGU U GCCGGCCU	8178	AGGCCGGC CUGAUGAG GCCGUUAGGC CGAA ACAGCCUG	26554
4007	7023	GCCGCCU C AAGUCCAA	8179	UUGGACUU CUGAUGAG GCCGUUAGGC CGAA AGGCCGGC	26555
		CCUCAAGU C CAAAAGAA	8180	UUCUUUUG CUGAUGAG GCCGUUAGGC CGAA ACUUGAGG	26556
4012	7018			GCAUGGGA CUGAUGAG GCCGUUAGGC CGAA AGUUUCUU	26557
4024	7006	AAGAAACU C UCCCAUGC	8181		
4026	7004	GAAACUCU C CCAUGCUG	8182	CAGCAUGG CUGAUGAG GCCGUUAGGC CGAA AGAGUUUC	26558
4039	6991	GCUGAAAU U CUCCUUGA	8183	UCAAGGAG CUGAUGAG GCCGUUAGGC CGAA AUUUCAGC	26559
4040	6990	CUGAAAUU C UCCUUGAC	8184	GUCAAGGA CUGAUGAG GCCGUUAGGC CGAA AAUUUCAG	26560
4042	6988	GAAAUUCU C CUUGACCU	8185	AGGUCAAG CUGAUGAG GCCGUUAGGC CGAA AGAAUUUC	26561
4045	6985	AUUCUCCU U GACCUCAA	8186	UUGAGGUC CUGAUGAG GCCGUUAGGC CGAA AGGAGAAU	26562
4051	6979	CUUGACCU C AAUUCUUU	8187	AAAGAAUU CUGAUGAG GCCGUUAGGC CGAA AGGUCAAG	26563
4055	6975	ACCUCAAU U CUUUGCCC	8188	GGGCAAAG CUGAUGAG GCCGUUAGGC CGAA AUUGAGGU	26564
4056	6974	CCUCAAUU C UUUGCCCA	8189	UGGGCAAA CUGAUGAG GCCGUUAGGC CGAA AAUUGAGG	26565
4058	6972	UCAAUUCU U UGCCCAAA	8190	UUUGGGCA CUGAUGAG GCCGUUAGGC CGAA AGAAUUGA	26566
4059	6971	CAAUUCUU U GCCCAAAC	8191	GUUUGGGC CUGAUGAG GCCGUUAGGC CGAA AAGAAUUG	26567
			8192	AGUGACAU CUGAUGAG GCCGUUAGGC CGAA AGCAGUUU	26568
4076	6954	AAACUGCU U AUGUCACU	8193	GAGUGACA CUGAUGAG GCCGUUAGGC CGAA AAGCAGUU	26569
4077	6953	AACUGCUU A UGUCACUC		<u></u>	
4081	6949	GCUUAUGU C ACUCUUGG	8194	CCAAGAGU CUGAUGAG GCCGUUAGGC CGAA ACAUAAGC	26570
4085	6945	AUGUCACU C UUGGUCUU	8195	AAGACCAA CUGAUGAG GCCGUUAGGC CGAA AGUGACAU	26571
4087	6943	GUCACUCU U GGUCUUAU	8196	AUAAGACC CUGAUGAG GCCGUUAGGC CGAA AGAGUGAC	26572
4091	6939	CUCUUGGU C UUAUCUAG	8197	CUAGAUAA CUGAUGAG GCCGUUAGGC CGAA ACCAAGAG	26573
4093	6937	CUUGGUCU U AUCUAGCC	8198	GGCUAGAU CUGAUGAG GCCGUUAGGC CGAA AGACCAAG	26574
4094	6936	UUGGUCUU A UCUAGCCA	8199	UGGCUAGA CUGAUGAG GCCGUUAGGC CGAA AAGACCAA	26575
4096	6934	GGUCUUAU C UAGCCAAC	8200	GUUGGCUA CUGAUGAG GCCGUUAGGC CGAA AUAAGACC	26576
4098	6932	UCUUAUCU A GCCAACCC	8201	GGGUUGGC CUGAUGAG GCCGUUAGGC CGAA AGAUAAGA	26577
4109	6921	CAACCCAU C UCGUUGGC	8202	GCCAACGA CUGAUGAG GCCGUUAGGC CGAA AUGGGUUG	26578
4111	6919	ACCCAUCU C GUUGGCUG	8203	CAGCCAAC CUGAUGAG GCCGUUAGGC CGAA AGAUGGGU	26579
4114	6916	CAUCUCGU U GGCUGCCA	8204	UGGCAGCC CUGAUGAG GCCGUUAGGC CGAA ACGAGAUG	26580
	6900	ACUGCGCU C ACAAGGGU	8205	ACCCUUGU CUGAUGAG GCCGUUAGGC CGAA AGCGCAGU	26581
4130	 			UGUGUCAU CUGAUGAG GCCGUUAGGC CGAA ACCCUUGU	26582
4139	6891	ACAAGGGU C AUGACACA	8206		26583
4151	6879	ACACAAAU C AGGAACAC	8207	GUGUUCCU CUGAUGAG GCCGUUAGGC CGAA AUUUGUGU	
4164	6866	ACACGGCU A GCUGGUUG	8208	CAACCAGC CUGAUGAG GCCGUUAGGC CGAA AGCCGUGU	26584
4171	6859	UAGCUGGU U GUCUGUCU	8209	AGACAGAC CUGAUGAG GCCGUUAGGC CGAA ACCAGCUA	26585
4174	6856	cueennen c nenchece	8210	CGCAGACA CUGAUGAG GCCGUUAGGC CGAA ACAACCAG	26586
4178	6852	UUGUCUGU C UGCGAACG	8211	CGUUCGCA CUGAUGAG GCCGUUAGGC CGAA ACAGACAA	26587
4188	6842	GCGAACGU U GCUUCUCU	8212	AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA ACGUUCGC	26588
4192	6838	ACGUUGCU U CUCUGGCU	8213	AGCCAGAG CUGAUGAG GCCGUUAGGC CGAA AGCAACGU	26589
4193	6837	CGUUGCUU C UCUGGCUC	8214	GAGCCAGA CUGAUGAG GCCGUUAGGC CGAA AAGCAACG	26590
4195	6835	UUGCUUCU C UGGCUCAG	8215	CUGAGCCA CUGAUGAG GCCGUUAGGC CGAA AGAAGCAA	26591
4201	6829	CUCUGGCU C AGGAAUUA	8216	UAAUUCCU CUGAUGAG GCCGUUAGGC CGAA AGCCAGAG	26592
4208	6822	UCAGGAAU U AGCACAAU	8217	AUUGUGCU CUGAUGAG GCCGUUAGGC CGAA AUUCCUGA	26593
4209	6821	CAGGAAUU A GCACAAUC	8218	GAUUGUGC CUGAUGAG GCCGUUAGGC CGAA AAUUCCUG	26594
4217	6813	AGCACAAU C AUCAAGAG	8219	CUCUUGAU CUGAUGAG GCCGUUAGGC CGAA AUUGUGCU	26595
4220	6810	ACAAUCAU C AAGAGAAG	8220	CUUCUCUU CUGAUGAG GCCGUUAGGC CGAA AUGAUUGU	26596
		AGCAACAU U CCGGCGAU	8221	AUCGCCGG CUGAUGAG GCCGUUAGGC CGAA AUGUUGCU	26597
4244	6786				
4245	6785	GCAACAUU C CGGCGAUC	8222	GAUCGCCG CUGAUGAG GCCGUUAGGC CGAA AAUGUUGC	26598
4253	+	CCGGCGAU C UUCGUUCC	8223	GGAACGAA CUGAUGAG GCCGUUAGGC CGAA AUCGCCGG	26599
4255	6775	GGCGAUCU U CGUUCCUG	8224	CAGGAACG CUGAUGAG GCCGUUAGGC CGAA AGAUCGCC	26600
4256	6774	GCGAUCUU C GUUCCUGG	8225	CCAGGAAC CUGAUGAG GCCGUUAGGC CGAA AAGAUCGC	26601
4259	6771	AUCUUCGU U CCUGGAAC	8226	GUUCCAGG CUGAUGAG GCCGUUAGGC CGAA ACGAAGAU	26602
4260	6770	UCUUCGUU C CUGGAACU	8227	AGUUCCAG CUGAUGAG GCCGUUAGGC CGAA AACGAAGA	26603
4269	6761	CUGGAACU U CAGCCAUC	8228	GAUGGCUG CUGAUGAG GCCGUUAGGC CGAA AGUUCCAG	26604
4270		UGGAACUU C AGCCAUCC	8229	GGAUGGCU CUGAUGAG GCCGUUAGGC CGAA AAGUUCCA	26605
4277	6753	UCAGCCAU C CAACAGAA	8230	UUCUGUUG CUGAUGAG GCCGUUAGGC CGAA AUGGCUGA	26606
4292	6738	AAAAAGGU C GCGACUCC	8231	GGAGUCGC CUGAUGAG GCCGUUAGGC CGAA ACCUUUUU	26607
4299	6731	UCGCGACU C CCAAGACA	8232	UGUCUUGG CUGAUGAG GCCGUUAGGC CGAA AGUCGCGA	26608
		CAGCGCCU C CCAAACCU	8233	AGGUUUGG CUGAUGAG GCCGUUAGGC CGAA AGGCGCUG	26609
4314					+
4323	6707	CCAAACCU A UCUUUCCA	8234	UGGAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGUUUGG	26610
4325	6705	AAACCUAU C UUUCCAAU	8235	AUUGGAAA CUGAUGAG GCCGUUAGGC CGAA AUAGGUUU	26611

1927 1973 ACCURICIO U D'CAMURCA 8237 GOMURGA CURAURGA GCORUMAGO CARA ARABANGO 26513 1828 8797 CURAUCTU U CARLINGCO 8238 GGECAUURG CURAURGA GCORUMAGO CARA ARABANGO 26513 1839 6651 ANADOCCOU U COCCUCUA 8239 GORGACIA GCORUMAGO GCORUMAGO CARA ARABANGO 26515 1839 6651 ANADOCCOU U COCCUCUA 8240 ANDOCACO GCORUMAGO GCORUMAGO GCORUMAGO GARA ARABANGO 26515 1832 6656 AGACARAM CUCCAURGO 8240 ANDOCACO GCORUMAGO GCORUMAGO GARA ARABANGO 26515 GORGACIA ARABANGO COCCUMAGO GORA ARABANGO 26517 GARA ARABANGO 26517 GARA ARABANGO COCCUMAGO GORA ARABANGO 26517 GARA ARABANGO 26517 GARA ARABANGO COCCUMAGO GORA ARABANGO 26517 GARA ARABANGO COCCUMAGO GORA ARABANGO 26517 GARA ARABANGO 26517 GARA ARABANGO COCCUMAGO GORA ARABANGO 26517 GARA ARABANGO 26518 GARA ARABANGO		WU UZ/	/068637	Tabl	e VIII	
1333 1650	4327	6703	ACCUAUCU U UCCAAUGC	8236	GCAUUGGA CUGAUGAG GCCGUUAGGC CGAA AGAUAGGU	26612
1932 16651	4328	6702	CCUAUCUU U CCAAUGCC	8237	GGCAUUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUAGG	26613
1339 6691 ADJUCCCU U COCUCIGO 8239 UGCAGOGG CURANDAG SCOULMAGE CORA ADGOCAU 266316 13630 6660 ADJUCCCUU C GOGUGGAU 82410 ADJUCCA 266316 13635 6666 GRAADARI A CUCCCARG 8241 CAUGGGAC CURANDAG SCOULMAGE CORA ADJUCCU 266318 13655 6665 GRAADARIC C CENURGUE 8242 ADJUCCARG CURANDAG SCOULMAGE CORA ADJUCCU 266318 13655 6665 ADABARIC C CARGUEGA 8242 ADJUCCARG CURANDAG SCOULMAGE CORA ADJUCCU 266318 1376 6656 ADBUCCARG C CARGUEGA 8243 ADJUCCARG CURANDAG SCOULMAGE CORA ADJUCCU 266318 1376 6656 ADJUCCARG C CARGUEGA 8244 UGCARGAGG CURANDAG SCOULMAGE CORA ADJUCCU 266318 13656 6464 ADJUCCARG 62641 6464			CUAUCUUU C CAAUGCCC	8238	GGGCAUUG CUGAUGAG GCCGUUAGGC CGAA AAAGAUAG	26614
1316 6690			AAUGCCCU U CCGCUGCA	8239	UGCAGCGG CUGAUGAG GCCGUUAGGC CGAA AGGGCAUU	26615
1352 6668 GRAGANA I CUCCANG 8241 CANGGUAD CUGANIGAG CCEMULAGE CAN AUUCUUCC 2613 1377 6657 COCADIGOU C ADICACOU 8243 AGUIUGAD CUGANIGAG CCCANGOG COAN AUUCUUCC 2613 1377 6657 COCADIGOU C ADICACOU 8243 AGUIUGAD CUGANIGAG CCCANGOG COAN AUCANDOG 2613 1378 6656 AUGUICAU C ACACUCA 8244 AGUIUGAD CUGANIGAG CCCANGOG COAN ACCANDOG 2613 1378 6646 AUTCACAU C ANLAGGEC 8245 GCCULAUD CUGANIGAG CCCANGOG COAN ACCANDOG 2613 1379 6656 AUGUICAU A AGGCANU 8246 GAUUGAU CUGANIGAG CCCANGOG COAN AUGUCAU 2612 1379 6656 AUGUCAU U CUCCANGO 8246 GAUUGAU CUGANIGAG CCCANGOG COAN AUUCUCU 2612 1370 6656 AUGUCAU U CUCCANGO 8246 GAUUGAU CUGANIGAG CCCANGOC COAN AUUCUCU 2612 1370 6657 AUGUCAU U CUCCANGO 8254 GUIUCAGC CUGANIGAG CCCANGOC COAN AUUCUCU 2612 1411 6613 AUGUCAU U CUCCANGO 8251 CUCCANGO CUGANIGAG CCCANGOC COAN AUUCUCU 2612 1412 6615 AUGUCAU U CUCCANGO 8251 CUCCANGO CUGANIGAG CCCANGOC COAN AUUCUCU 2612 1413 6615 CUCCANGO CUCCANGO 8251 CUCCANGO CUGANIGAG CCCANGOC COAN AUUCUCU 2612 1413 6616 UGCANGO C CUCCANGO 8251 CUCCANGO CUGANIGAG CCCANGOC COAN AUUCUCU 2612 1413 6617 CARGUCCU C CARGOC 8251 CUCCANGO CUGANIGAG CUCCANGOC COAN AUUCUCU 2612 1413 6618 UGCANGO C CUCCANGO 8251 CUCCANGO CUGANIGAG CUCCANGOC COAN AUUCUCU 2612 1413 6619 UGUGANGO U CUCCANGO 8251 CUCCANGO CUGANIGAG CUCCANGOC COAN AUUCUCCU 2612 1413 6619 UGUGANGO U CUCCANGO 8251 CUCCANGO CUGANIGAG CUCCANGOC COAN AUUCUCU 2612 1414 6519 UGUGANGO U CUCCANGO 8251 AGUCACAC CUGANIGAG CUCCANGOC COAN AUUCUCU 2612 1415 6519 UGUGANGO U CUCCANGO 8252 AGUCACAC CUGANIGAG CUCCANGOC COAN AUUGCCU 2613 1416 6519 UGUCACAC U CUCCANGO 8252 AGUCACAC CUGANIGAG CUCCANGOC COAN AUGUCAC 2613 1416 6519 UGUCACAC U U CUCCANGO 8252 AGUCACAC CUGANGA CUCCANGO COAN AUGUCAC 2613 1417 6519 UGUCACAC U U CUCCANGO 8252 AGUCACAC CUGANGA CUCCANGO COAN AUGUCAC 2613 1				8240	AUGCAGCG CUGAUGAG GCCGUUAGGC CGAA AAGGGCAU	26616
13773 14555 COCADIGUE C. PICALOGUE 8242 GACCAUGG CRISALINGIS (COCRULAGO)C CORA AGUALUUCU 26518 13776 6655 COCADIGUE C. PICACUCRA 8241 MURICAGUE CRISALINGIS (COCRULAGO)C CORA AGUALUUCU 26518 1376 6655 AUGUSCAE C. PICACUCRA 8245 GAUGUSCAE CRISALINGIS (COCRULAGO)C CORA AUGUSCAE 26518 1366 6644 CACUCRA AUGUSCAE 2456 GAUGUSCAE CRISALINGIS (COCRULAGO)C CORA AUGUSCAE 26518 1366 6644 CACUCRA AUGUSCAE 2456 GAUGUSCAE CUGARIGA GOCGULAGOS CORALINGIS (COCRULAGO)C CORA AUGUSCAE 26521 4453 6657 AAGGCABA C. GUICAGA 2247 AUGUSCAE CUGARIGA GOCGULAGOS COCRULAGOS COCRULA				8241	CAUGGGAG CUGAUGAG GCCGUUAGGC CGAA AUUCUUCC	26617
1377 6657						
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4455 5575	4451	6579	UGAGCUCU U CCUCCUUU	8257		+
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4489 6541 CAUGGUGU C AAGUGCUU 8256 AAGCACUU CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 26641 4497 6533 CAAGUGCU U CCCAUGUCU 8266 GACAUGGG CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 26642 4498 6532 AAGUGCUU C CCAUGUCU 8267 AAGACAUGG CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 26642 4505 6525 UCCCAUGUC C UUCCCCAU 8268 AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACACUGGA 26644 4507 6523 CAUGUCU C CCCAUGAA 8269 UCAUGGGG CUGAUGAG GCCGUUAGGC CGAA ACACUGGA 26644 4508 6522 CAUGUCUU C CCCAUGAA 8270 UCAUGGG CUGAUGAG GCCGUUAGGC CGAA ACACUGGA 26644 4508 6522 CAUGUCUU C CCCAUGAA 8270 UCAUGGG CUGAUGAG GCCGUUAGGC CGAA ACACUGGA 26644 4522 6508 GAAGUGCU C AGGCAUCU 8271 AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGCACUC 26647 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGAGAAA CUGAUGAG GCCGUUAGGC CGAA AGCACUC 26647 4531 6499 AGGCAUCUU U CCCAGAAC 8274 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGCACUC 26647 4531 6499 AGGCAUCUU U CCCAGAAC 8274 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGACACUC 26650 4533 6497 GCAUCUUU C CCAGAAC 8274 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGACACUC 26651 4534 6497 AGACACUC C ANUGAGCC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGACACUC 26651 4534 6497 CAGAACCU C ANUGAGCA 8273 UUCUCGGA CUGAUGAG GCCGUUAGGC CGAA AGACUC 26651 4534 6497 CAGAACCU C ANUGAGCA 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGACUC 26651 4534 6497 CAGAACCU C ANUGAGCA 8276 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGACUC 26651 4554 6474 AGCCCUAU C UGAGAAAC 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGACUC 26651 4556 6474 AGCCCUAU C UGAGAACG 8278 CCGUUCAG CUGAUGAG GCCGUUAGGC CGAA AGACUC 26653 4556 6474 AGCCCUUU C CCAGAGC 8278 CCGUCAGG CUGAUGAG GCCGUUAGGC CGAA AGACUC 26653 4556 6474 AGCCCUU U CCCCAGG 8280 CCGUCAGG CUGAUGAG GCCGUUAGGC CGAA AGACUC 26653 4556 6474 AGCCCUU C UGAGAACG 8278 CCGUCAGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26654 4556 6452 GAACGUU U UCCCCAGG 8280 CCGCCCUCGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4556 6474 AGCCCUU U AGUGCCGG 8280 CCGCCGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26656 4557 6463 GAACGCUU U AGUGCCUG 8281 AGGCCUC CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26656 4558 6448 GAGACUU C CACAGGCG 8281 AGGCCCU CUGAUGAG GCCGU	4462	6568	UCCUUUCU C UGCAGUGG	8263	CCACUGCA CUGAUGAG GCCGUUAGGC CGAA AGAAAGGA	26639
4497 6533 CAAGUGCU U CCCAUGUC 8266 GACAUGGG CUGAUGAG GCCGUUAGGC CGAA AGCACUUG 26642 4498 6532 AAGUGCUU C CCAUGUCU 8267 AGACAUGG CUGAUGAG GCCGUUAGGC CGAA AAGCACUU 26643 4505 6525 UCCCAUGU C UUCCCCAU 8268 AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA AAGCACUU 26643 4507 6523 CCAUGUCU U UCCCCAUGA 8268 UCAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGCACUG 26644 4507 6523 CCAUGUCUU C CCCAUGA 8269 UCAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGACAUG 26645 4508 6522 CAUGUCUU C CCCAUGAA 8270 UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGACAUG 26646 4522 6508 GAAGUGCU C AGGCAUCU 8271 AGAUGCU CUGAUGAG GCCGUUAGGC CGAA AAGACAUG 26646 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGCACUUC 26647 4531 6499 AGGCAUCU U UCCCAGAA 8273 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGACCUUC 26649 4531 6499 AGGCAUCU U CCCAGAAC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCU 26649 4533 6497 GCAUCUUU CCCAGAAC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCU 26651 4543 6497 GACCCUU U UCCCAGAAC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCU 26651 4554 6476 UGACCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4554 6476 UGACCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4556 6474 AGCCCUAU U UCCCGAGA 8275 GGUUCAUU CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4566 6464 GAGAACGU U UUCCCGAG 8275 GCGUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4566 6464 GAGAACGU U UUCCCGAG 8275 GCGUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGAUUCU 26655 4567 6463 AGAACGUU U UCCCGAGG 8280 CGUCACUC CUGAUGAG GCCGUUAGGC CGAA AAAGGUU CE 26656 4568 6462 GAACGUUU U CCCGAGGC 8280 CGUCACCUCGG CUGAUGAG GCCGUUAGGC CGAA AAAGGUU CE 26656 4568 6462 GAACGUUU U CCCGAGGC 8280 CGUCACG CUGAUGAG GCCGUUAGGC CGAA AAAGGUUC 26656 4568 6462 GAACGCUU U AGUGCCU 8285 AGGCCUC CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26656 4569 6461 AACGUUU C CCGAGGC 8280 CGUCACGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26656 4569 6461 AACGCUUU AGUGCCCU 8285 AGGCCUC CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26656 4569 6461 AACGCUUU AGUGCCCU 8286 AGGCCU CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26666 4561 6415 AACGCCUU AGACGC U AAACGCCU 8286 AGGC	4480	6550	CACAACGU A CAUGGUGU	8264	ACACCAUG CUGAUGAG GCCGUUAGGC CGAA ACGUUGUG	26640
4498 6532 AAGUGCUU C CCAUGUCU 8267 AGACAUGG CUGAUGAG GCCGUUAGGC CGAA AAGCACUU 26643 4505 6525 UCCCAUGUCU U CCCCAUGA 8268 AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA 26644 4507 6523 CCAUGUCUU C CCCAUGAA 8269 UCAUGGGG CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA 26644 4508 6522 CAUGUCUU C CCCAUGAA 8270 UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG 26646 4526 6508 GAAGUGCU C AGGCAUCU 8271 AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGACAUGC 26647 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGACAUGC 26647 4521 6499 AGGCAUCU U UCCCAGAAC 8272 CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGACAUC 26647 4531 6499 AGGCAUCU U UCCCAGAAC 8274 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGACAUC 26649 4532 6498 GGCAUCUU U CCCAGAAC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26650 4533 6497 GCAUCUU U CCCAGAAC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26651 4543 6467 CAGAACCU C AAUGAGCC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4544 6467 UGAGCCCU A UCUGAGAAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4554 6476 UGAGCCCU A UCUGAGAAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGGUUCU 26653 4556 6474 AGCCCUAU C UGAGAACG 8278 CGUUCUG CUGAUGAG GCCGUUAGGC CGAA AAGGUUC 26654 4566 6464 GAGAACGU U UUCCCGAG 8279 CCCGGGAA CUGAUGAG GCCGUUAGGC CGAA AAGGUUC 26655 4567 6463 AGAACGUU U UCCCGAGG 8279 CCCGGGAA CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4568 6462 GAACGUUU U CCCCAGAGC 8281 GCCUUCGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4569 6461 AACGUUUU C CCGAGGG 8280 CCCGUCAG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4569 6461 AACGUUU U CCCCAGGG 8281 GCCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4569 6461 AACGUUU U CCCCAGGG 8281 GCCCUCAGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26656 4569 6461 AACGUUU U CCCCAGGG 8281 GCCCUCAGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26656 4569 6461 AACGUUU U CCCCAGGG 8281 GCCCUCAGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26656 4569 6461 AACGUUU U AGUGCCU 8284 AGGCGUU CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26666 4569 6461 AACGCCUU U AGUGCCUG 8286 CAGGCCU CUGAUGAG GCCGUUAGGC CGAA AACGCUU 26666 4650 6461 AACGCCUU U AGUGCCUG 8286 CAGGC	4489	6541	CAUGGUGU C AAGUGCUU	8265	AAGCACUU CUGAUGAG GCCGUUAGGC CGAA ACACCAUG	26641
## 4505 6525 UCCCAUGU C UUCCCAU 8268 AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA 26644 4507 6523 CCAUGUCUU C CCCAUGAA 8269 UCAUGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG 26644 4508 6522 CAUGUCUU C CCCAUGAA 8270 UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG 26646 4522 6508 GAAGUGCU C AGGCAUCU 8271 AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGACAUG 26647 4529 6501 UCAGGCAU C UUCACGAG 8272 CUGAGGAA GCCGUUAGGC CGAA AGACAUG 26648 4521 6498 AGGCAUCU U UCCCAGAA 8273 UUCUGGA CUGAUGAG GCCGUUAGGC CGAA AGACCUC 26649 4524 6498 GGCAUCUU U CCCAGAA 8274 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26651 4533 6497 GCAUCUUU C CCAGAAC 8274 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26651 4543 6487 CAGAACCU C AUGAGAC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCC 26651 4544 6476 UGAGCCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGAUGC 26653 4556 6474 AGCCCUAU C UGAGAAC 8278 CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AGAGCU 26653 4566 6464 GAGAACGU U UUCCCGAG 8278 CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AGAGCU 26653 4566 6464 GAGAACGU U UUCCCGAG 8278 CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AGACGU 26653 4566 6464 GAGAACGU U UUCCCGAG 8278 CCUUCGGA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4567 6463 AGACGUU U UCCCGAGG 8280 CCUUCGGA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4566 6464 GAGAACGU U UCCCGAGG 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26656 4568 6462 GAACGUU U CCCGAGG 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26657 4569 6461 AACGUUU C CCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26657 4569 6461 AACGUUU C CCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26657 4569 6461 AACGUUU C CCGAGGC 8284 AGGCCUC CUGAUGAG GCCGUUAGGC CGAA ACGCUU C 26657 4569 6461 AACGUUU C CCGAGGC 8284 AGGCCUC CUGAUGAG GCCGUUAGGC CGAA ACGCUU C 26657 45660 45660 45660 45660	4497	6533	CAAGUGCU U CCCAUGUC	8266	GACAUGGG CUGAUGAG GCCGUUAGGC CGAA AGCACUUG	26642
4507 6523 CCAUGUCU U CCCAUGAA 8269 UCAUGGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG 26645 4508 6522 CAUGUCUU C CCCAUGAA 8270 UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUG 26646 4522 6508 GAAGUGCU C AGGCAUCU 8271 AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGACAUG 26647 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGGGAA CUGAUGAG GCCGUUAGGC CGAA AGACAUCU 26647 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGGGAA CUGAUGAG GCCGUUAGGC CGAA AGACCUUC 26649 4531 6499 AGGCAUCU U CCCAGAAC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26649 4532 6498 GGCAUCUU C CCAGAAC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26649 4533 6497 GCAUCUUU C CCAGAAC 8276 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26651 4543 6487 CAGAACCU C AAUGAACC 8276 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4554 6476 UGAGCCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26653 4556 6474 AGCCCUAU C UGAGAACG 8276 GGCUCUUCA CUGAUGAG GCCGUUAGGC CGAA AAGGCUCA 26653 4556 6474 AGCCCUAU U UCCCCGAG 8279 CUCGGGAA CUGAUGAG GCCGUUAGGC CGAA ACGUUCUC 26655 4567 6463 AGAACGU U UCCCCGAG 8279 CUCGGGAA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4568 6464 GAGAACGU U UCCCCGAG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4568 6462 GAACGUUU U CCCGAGG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4568 6462 GAACGUUU U CCCGAGG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4568 6462 GAACGUUU U CCCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4569 6461 AACGUUU U CCCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26656 4569 6461 AACGCCUU AGUGCCU 8285 AGGCCUU CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26656 4594 6495 AAAGGCCU U AGUGCCCG 8281 CGUUAGAG GCCGUUAGGC CGAA AACGUUC 26656 4594 6495 AAAGGCCU U AGUGCCC 8285 AGGCCUU CUGAUGAG GCCGUUAGGC CGAA AACGUU 266566 4595 6448 GGCGAAU CCUCGAC 8288 CGUCCGGG CUGAUGAG GCCGUUAGGC CGAA AACGCGU 26661 4594 6495 AAAGGCCU U AGUGCCC 8286 CGGCGUUAGGC CGAA AAGGCGU 26661 4594 6496 GAACGCCU U AGUGCCC 8286 CGGCGUUAGGC CGAA AACGCGU 26661 4594 6496 AAAGGCCU U AGUGCCC 8286 CGGCGUUAGGC CGAA AACGCGU 26666 4696 6491 CCGGCGGC CCGACAGC CCGACAGGC CCGAA A	4498	6532	AAGUGCUU C CCAUGUCU	8267	AGACAUGG CUGAUGAG GCCGUUAGGC CGAA AAGCACUU	26643
4508 6522 CAUGUCUU C CCCAUGAA 8270 UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGACAUG 26646 4522 6508 GAAGUGCU C AGGCAUCU 8271 AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGACCUUC 26647 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGACCUUC 26648 4531 6499 AGGCAUCU U UCCCAGAA 8273 UUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGACCUUC 26648 4531 6498 GGCAUCUU U CCCAGAAC 8274 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26650 4533 6497 GCAUCUUU C CCAGAAC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26651 4543 6487 CAGAACCU C AAUGAGCC 8276 GGCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGAUGCC 26651 4544 6476 UGAGCCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGGUUCU 26652 4554 6476 UGAGCCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGGGCUCA 26654 4566 6464 GAGAACGU U UCCCGAG 8278 CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AGGGCUCA 26654 4566 6464 GAGAACGU U UCCCGAG 8279 CUCGGGA CUGAUGAG GCCGUUAGGC CGAA AGGGCUCA 26654 4566 6464 GAGAACGUU U UCCCGAG 8279 CUCGGGA CUGAUGAG GCCGUUAGGC CGAA ACGUUCUC 26655 4568 6462 GAACGUUU U CCCGAGG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4569 6461 AACGUUUU C CCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26655 4569 6461 AACGUUUU C CCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26655 4569 6461 AACGUUU U CCCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26656 4588 6462 GAACGUU U ACUGCCU 8284 AGGCGUU CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26656 4589 6461 AACGUUU U CCCGAGGC 8281 GCUCCGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26656 4594 6466 GAACGCCU U AGUGCCU 8284 AGGCGUU CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4595 6445 GAAGUCCU U AGUGCCU 8284 AGGCGUU CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26666 4594 6436 GAACGCCU U AGUGCCU 8284 AGGCGUU CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26666 4595 6435 AACGCCUU A AGUGCCUG 8284 AGGCGUU CUGAUGAG GCCGUUAGGC CGAA AACGUU 26666 4596 6434 ACGCCUU A AGUGCCUG 8286 CAGGCAC CUGAUGAG GCCGUUAGGC CGAA AACGGCU 26666 4696 6491 ACGCCUU A AGGCCCU CAGGGG 8291 CCGGGGG GCGGUUAGGC CGAA AACGCCU 26666 4696 6491 ACGCCUU A AGGCCCU CAGGGG 8291 CCGGGGG GCGGUUAGGC CGAA AAGGCG	4505	6525	UCCCAUGU C UUCCCCAU	8268	AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA	26644
4508 6522 CAUGUCUU C CCCAUGAA 8270 UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGACAUG 26646 4522 6508 GAAGUCU C AGGCAUCU 8271 AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGCACUUC 26647 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGCACUUC 26648 4531 6499 AGGCAUCU U UCCCAGAA 8273 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26649 4532 6498 GGCAUCUU U CCCAGAAC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26654 4533 6497 GCAUCUUU C CCAGAACC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26654 4534 6487 CAGAACCU C AAUGAGCC 8276 GGCUCAU CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4543 6487 CAGAACCU C AAUGAGA 8276 GGCUCAU CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26653 4556 6476 UGAGCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGGUCUC 26654 4566 6464 GAGAACGU U UUCCCGAG 8278 CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AAGGUCUC 26654 4566 6464 GAGAACGU U UUCCCGAG 8278 CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4566 6464 GAGAACGU U UCCCGAGG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4569 6461 AACGUUU U CCCGAGG 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26656 4569 6461 AACGUUU U CCCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4569 6461 AACGUUU U CCCGAGGC 8281 GCUCCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4569 6461 AACGUUU U CCCGAGGC 8281 GCUCCGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4569 6461 AACGUUU U CCCGAGGC 8281 GCUCCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4569 6461 AACGUUU U CCCGAGGC 8281 GCUCCGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4569 6461 AACGUUU U CCCGAGGC 8281 GCUCCGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4569 6461 AACGCCU U AGACCCU 8284 AGGCGUU CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4569 6461 AACGCCU U AGGCCCU 8284 AGGCGUU CUGAUGAG GCCGUUAGGC CGAA AACGCUU 26661 4595 6436 AACGCCU U	4507	6523	CCAUGUCU U CCCCAUGA	8269	UCAUGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG	26645
4522 6508 GAAGUGCU C AGGCAUCU 8271 AGAUGCCU CUGAUGAG CCGUUAGGC CGAA AGCACUUC 26647 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGAGAAA CUGAUGAG CCGAA AUGCCUGA 26648 4531 6499 AGGCAUCU U UCCCAGAA 8273 UUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26648 4532 6498 GGCAUCUU U CCCAGAAC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGAUGC 26650 4533 6497 GCAUCUUU C CAGAACCU 8276 GGCUCAUU CUGAUGAG CCGAA AAGGUUCA 26651 4554 6476 UGAGCCCU A CUGAGAA 8277 UUCUCAAC CUGAUGAG CCGAA AGGUUCA 26654 4556 6464 GAGACGUU U UUCCCGAG 8278 CUCUGGGA CUGAUGAG CCGAA ACGUUCUC 26655 4567 6463 AGAACGUUU UUCCCGAG 8280					UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGACAUG	26646
4529 5501 UCAGGCAU C UUUCCCAG 8272 CUGGGAAA CUGAUGAG CCGUUAGGC CGAA AUGCCUGA 26648 4531 6499 AGGCAUCU U U CCCAGAA 8273 UUCUGGG CUGAUGAG CCGUUAGGC CGAA AGAUGCU 26649 4532 6498 GGCAUCUU U C CCAGAAC 8274 GUUCUGG CUGAUGAG GCGUUAGGC CGAA AAGAUGC 26651 4533 6497 GCAUCUUU C CCAGAAC 8275 GGUUCAU CUGAUGAGAG GCCGUUAGG CGAA AAGAUGC 26651 4543 6487 CAGAACCU C AUCUGAGA 8276 GGCUCAU CUGAUGAG GCCGUUAGG CGAA AGGUUCU 26652 4554 6476 UGAGACCU A UCUGAGA 8278 CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AGGUUCU 26653 4566 6464 GAGAACGU U UCCCCAG 8278 CGUUCUCA CUGAUGAG CCGUUAGGC CGAA ACGUUCU 26654 4567 6463 AGAACGUU U UCCCCAGG 8280 CCUCGGGA CUGAUGAG CCGUUAGGC CGAA AACGUUCU 26657 4569 6461 AACGUUUU C CCGAGGC 8281 GCCUCAGG <td< td=""><td></td><td></td><td></td><td></td><td></td><td>26647</td></td<>						26647
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4656 6374 UCUUCCUU U CACCAAGC 8297 GCUUGGUG CUGAUGAG GCCGUUAGGC CGAA AAGGAAGA 26673						
	4656	6374	UCUUCCUU U CACCAAGC	8297	GCUUGGUG CUGAUGAG GCCGUUAGGC CGAA AAGGAAGA	26673

Table VIII

			Table		
4657	6373	CUUCCUUU C ACCAAGCU	8298	AGCUUGGU CUGAUGAG GCCGUUAGGC CGAA AAAGGAAG	26674
4666	6364	ACCAAGCU U CGUGAUGA	8299	UCAUCACG CUGAUGAG GCCGUUAGGC CGAA AGCUUGGU	26675
4667	6363	CCAAGCUU C GUGAUGAC	8300	GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA AAGCUUGG	26676
4677	6353	UGAUGACU U CCACUUCG	8301	CGAAGUGG CUGAUGAG GCCGUUAGGC CGAA AGUCAUCA	26677
4678	6352	GAUGACUU C CACUUCGU	8302	ACGAAGUG CUGAUGAG GCCGUUAGGC CGAA AAGUCAUC	26678
	6347	CUUCCACU U CGUUGUUG	8303	CAACAACG CUGAUGAG GCCGUUAGGC CGAA AGUGGAAG	26679
4683			8304	ACAACAAC CUGAUGAG GCCGUUAGGC CGAA AAGUGGAA	26680
4684	6346	UUCCACUU C GUUGUUGU		AAGACAAC CUGAUGAG GCCGUUAGGC CGAA ACGAAGUG	26681
4687	6343	CACUUCGU U GUUGUCUU	8305	UAGAAGAC CUGAUGAG GCCGUUAGGC CGAA ACAACGAA	26682
4690	6340	UUCGUUGU U GUCUUCUA	8306		
4693	6337	GUUGUUGU C UUCUAAAA	8307	UUUUAGAA CUGAUGAG GCCGUUAGGC CGAA ACAACAAC	26683
4695	6335	UGUUGUCU U CUAAAAUU	8308	AAUUUUAG CUGAUGAG GCCGUUAGGC CGAA AGACAACA	26684
4696	6334	GUUGUCUU C UAAAAUUG	8309	CAAUUUUA CUGAUGAG GCCGUUAGGC CGAA AAGACAAC	26685
4698	6332	UGUCUUCU A AAAUUGUG	8310	CACAAUUU CUGAUGAG GCCGUUAGGC CGAA AGAAGACA	26686
4703	6327	UCUAAAAU U GUGUUUGU	8311	ACAAACAC CUGAUGAG GCCGUUAGGC CGAA AUUUUAGA	26687
4708	6322	AAUUGUGU U UGUCCUAG	8312	CUAGGACA CUGAUGAG GCCGUUAGGC CGAA ACACAAUU	26688
4709	6321	AUUGUGUU U GUCCUAGG	8313	CCUAGGAC CUGAUGAG GCCGUUAGGC CGAA AACACAAU	26689
4712	6318	GUGUUUGU C CUAGGACC	8314	GGUCCUAG CUGAUGAG GCCGUUAGGC CGAA ACAAACAC	26690
4715	6315	UUUGUCCU A GGACCAUC	8315	GAUGGUCC CUGAUGAG GCCGUUAGGC CGAA AGGACAAA	26691
	6307	AGGACCAU C AAAGCACC	8316	GGUGCUUU CUGAUGAG GCCGUUAGGC CGAA AUGGUCCU	26692
4723			8317	CACGACCG CUGAUGAG GCCGUUAGGC CGAA AGGUGGUG	26693
4736	6294	CACCACCU C CGGUCGUG		CAUACCAC CUGAUGAG GCCGUUAGGC CGAA ACCGGAGG	26694
4741	6289	CCUCCGGU C GUGGUAUG	8318		26695
4747	6283	GUCGUGGU A UGACACUC	8319	GAGUGUCA CUGAUGAG GCCGUUAGGC CGAA ACCACGAC	
4755	6275	AUGACACU C CAGCCGCU	8320	AGCGGCUG CUGAUGAG GCCGUUAGGC CGAA AGUGUCAU	26696
4771	6259	UGCAACCU U GUAAGCCA	8321	UGGCUUAC CUGAUGAG GCCGUUAGGC CGAA AGGUUGCA	26697
4774	6256	AACCUUGU A AGCCAGCC	8322	GGCUGGCU CUGAUGAG GCCGUUAGGC CGAA ACAAGGUU	26698
4795	6235	UGGCAGAU C UGCAGUCC	8323	GGACUGCA CUGAUGAG GCCGUUAGGC CGAA AUCUGCCA	26699
4802	6228	UCUGCAGU C CUCAACAG	8324	CUGUUGAG CUGAUGAG GCCGUUAGGC CGAA ACUGCAGA	26700
4805	6225	GCAGUCCU C AACAGUUC	8325	GAACUGUU CUGAUGAG GCCGUUAGGC CGAA AGGACUGC	26701
4812	6218	UCAACAGU U CCAGAAAG	8326	CUUUCUGG CUGAUGAG GCCGUUAGGC CGAA ACUGUUGA	26702
4813	6217	CAACAGUU C CAGAAAGU	8327	ACUUUCUG CUGAUGAG GCCGUUAGGC CGAA AACUGUUG	26703
4822	6208	CAGAAAGU U UUUUCUCU	8328	AGAGAAAA CUGAUGAG GCCGUUAGGC CGAA ACUUUCUG	26704
4823	6207	AGAAAGUU U UUUCUCUC	8329	GAGAGAAA CUGAUGAG GCCGUUAGGC CGAA AACUUUCU	26705
		GAAAGUUU U UUCUCUCU	8330	AGAGAGAA CUGAUGAG GCCGUUAGGC CGAA AAACUUUC	26706
4824	6206			AGAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAACUUU	26707
4825	6205	AAAGUUUU U UCUCUCUU	8331	GAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AAAAACUU	26708
4826	6204	AAGUUUUU U CUCUCUUC	8332		26709
4827	6203	AGUUUUUU C UCUCUUCU	8333	AGAAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAAAACU	
4829	6201	uuuuucu c ucuucuce	8334	GGAGAAGA CUGAUGAG GCCGUUAGGC CGAA AGAAAAAA	26710
4831	6199	uuuucucu c uucuccuc	8335	GAGGAGAA CUGAUGAG GCCGUUAGGC CGAA AGAGAAAA	26711
4833	6197	UUCUCUCU U CUCCUCUG	8336	CAGAGGAG CUGAUGAG GCCGUUAGGC CGAA AGAGAGAA	26712
4834	6196	UCUCUCUU C UCCUCUGA	8337	UCAGAGGA CUGAUGAG GCCGUUAGGC CGAA AAGAGAGA	26713
4836	6194	UCUCUUCU C CUCUGAGC	8338	GCUCAGAG CUGAUGAG GCCGUUAGGC CGAA AGAAGAGA	26714
4839	6191	CUUCUCCU C UGAGCCGG	8339	CCGGCUCA CUGAUGAG GCCGUUAGGC CGAA AGGAGAAG	26715
4849	6181	GAGCCGGU A UUCCCCAU	8340	AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACCGGCUC	26716
4851	6179	GCCGGUAU U CCCCAUCC	8341	GGAUGGGG CUGAUGAG GCCGUUAGGC CGAA AUACCGGC	26717
4852	6178	CCGGUAUU C CCCAUCCA	8342	UGGAUGGG CUGAUGAG GCCGUUAGGC CGAA AAUACCGG	26718
4858	6172	UUCCCCAU C CAUGGUAU	8343	AUACCAUG CUGAUGAG GCCGUUAGGC CGAA AUGGGGAA	26719
		UCCAUGGU A UAUACCUU	8344	AAGGUAUA CUGAUGAG GCCGUUAGGC CGAA ACCAUGGA	26720
4865	6165		8345	AGAAGGUA CUGAUGAG GCCGUUAGGC CGAA AUACCAUG	26721
4867	6163	CAUGGUAU A UACCUUCU		UGAGAAGG CUGAUGAG GCCGUUAGGC CGAA AUAUACCA	26722
4869	6161	UGGUAUAU A CCUUCUCA	8346		-
4873	6157	AUAUACCU U CUCACGCU	8347	AGCGUGAG CUGAUGAG GCCGUUAGGC CGAA AGGUAUAU	26723
4874	6156	UAUACCUU C UCACGCUC	8348	GAGCGUGA CUGAUGAG GCCGUUAGGC CGAA AAGGUAUA	26724
4876	6154	UACCUUCU C ACGCUCUG	8349	CAGAGCGU CUGAUGAG GCCGUUAGGC CGAA AGAAGGUA	26725
4882	6148	CUCACGCU C UGGUUGGU	8350	ACCAACCA CUGAUGAG GCCGUUAGGC CGAA AGCGUGAG	26726
4887	6143	GCUCUGGU U GGUAGAAU	8351	AUUCUACC CUGAUGAG GCCGUUAGGC CGAA ACCAGAGC	26727
4891	6139	UGGUUGGU A GAAUUGAG	8352	CUCAAUUC CUGAUGAG GCCGUUAGGC CGAA ACCAACCA	26728
4896	6134	GGUAGAAU U GAGCGAUC	8353	GAUCGCUC CUGAUGAG GCCGUUAGGC CGAA AUUCUACC	26729
4904	6126	UGAGCGAU C AGUCCGUU	8354	AACGGACU CUGAUGAG GCCGUUAGGC CGAA AUCGCUCA	26730
4908	6122	CGAUCAGU C CGUUUGGC	8355	GCCAAACG CUGAUGAG GCCGUUAGGC CGAA ACUGAUCG	26731
4912	6118	CAGUCCGU U UGGCAUGU	8356	ACAUGCCA CUGAUGAG GCCGUUAGGC CGAA ACGGACUG	26732
4913	6117	AGUCCGUU U GGCAUGUU	8357	AACAUGCC CUGAUGAG GCCGUUAGGC CGAA AACGGACU	26733
		UGGCAUGU U GAUGUUGU	8358	ACAACAUC CUGAUGAG GCCGUUAGGC CGAA ACAUGCCA	26734
4921	6109			UGCUGGAC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC	26735
4927	6103	GUUGAUGU U GUCCAGCA	8359	DOCUGGAC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC	1 20133

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4930	6100	GAUGUUGU C CAGCAUGA	8360	UCAUGCUG CUGAUGAG GCCGUUAGGC CGAA ACAACAUC 2673
4940	6090	AGCAUGAU U CGUGCCUC	8361	GAGGCACG CUGAUGAG GCCGUUAGGC CGAA AUCAUGCU 2673
4941	6089	GCAUGAUU C GUGCCUCA	8362	UGAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAUCAUGC 2673
4948	6082	UCGUGCCU C AGUCCAAU	8363	AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AGGCACGA 2673
4952	6078	GCCUCAGU C CAAUGGGC	8364	GCCCAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAGGC 2674
	6064	GGCGAAGU U CGAGUCGU	8365	ACGACUCG CUGAUGAG GCCGUUAGGC CGAA ACUUCGCC 2674
4966	6063	GCGAAGUU C GAGUCGUC	8366	GACGACUC CUGAUGAG GCCGUUAGGC CGAA AACUUCGC 2674
4972	6058	GUUCGAGU C GUCUUCAU	8367	AUGAAGAC CUGAUGAG GCCGUUAGGC CGAA ACUCGAAC 2674
4975	6055	CGAGUCGU C UUCAUUCG	8368	CGAAUGAA CUGAUGAG GCCGUUAGGC CGAA ACGACUCG 2674
	6053	AGUCGUCU U CAUUCGUG	8369	CACGAAUG CUGAUGAG GCCGUUAGGC CGAA AGACGACU 2674
4977	6052	GUCGUCUU C AUUCGUGU	8370	ACACGAAU CUGAUGAG GCCGUUAGGC CGAA AAGACGAC 2674
4978	6049	GUCUUCAU U CGUGUGCC	8371	GGCACACG CUGAUGAG GCCGUUAGGC CGAA AUGAAGAC 2674
4981		UCUUCAUU C GUGUGCCC	8372	GGGCACAC CUGAUGAG GCCGUUAGGC CGAA AAUGAAGA 2674
4982	6048	CCCCCAU A ACAGUACU	8373	AGUACUGU CUGAUGAG GCCGUUAGGC CGAA AUGGGGGG 2674
4996	6034 6028	AUAACAGU A CUCAUCAC	8374	GUGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACUGUUAU 2675
5002	6025	ACAGUACU C AUCACCAA	8375	UUGGUGAU CUGAUGAG GCCGUUAGGC CGAA AGUACUGU 2675
5008	6023	GUACUCAU C ACCAACUU	8376	AAGUUGGU CUGAUGAG GCCGUUAGGC CGAA AUGAGUAC 2675
5016	6014	CACCAACU U GCGACGGA	8377	UCCGUCGC CUGAUGAG GCCGUUAGGC CGAA AGUUGGUG 2675
5026	6004	CGACGGAU U UCUACCGA	8378	UCGGUAGA CUGAUGAG GCCGUUAGGC CGAA AUCCGUCG 2675
5027	6003	GACGGAUU U CUACCGAU	8379	AUCGGUAG CUGAUGAG GCCGUUAGGC CGAA AAUCCGUC 2675
5028	6002	ACGGAUUU C UACCGAUA	8380	UAUCGGUA CUGAUGAG GCCGUUAGGC CGAA AAAUCCGU 2675
5030	6000	GGAUUUCU A CCGAUACG	8381	CGUAUCGG CUGAUGAG GCCGUUAGGC CGAA AGAAAUCC 2675
5036	5994	CUACCGAU A CGUCCACG	8382	CGUGGACG CUGAUGAG GCCGUUAGGC CGAA AUCGGUAG 2675
5040	5990	CGAUACGU C CACGUCUC	8383	GAGACGUG CUGAUGAG GCCGUUAGGC CGAA ACGUAUCG 2675
5046	5984	GUCCACGU C UCUGGGCG	8384	CGCCCAGA CUGAUGAG GCCGUUAGGC CGAA ACGUGGAC 2676
5048	5982	CCACGUCU C UGGGCGGC	8385	GCCGCCCA CUGAUGAG GCCGUUAGGC CGAA AGACGUGG 2676
5060	5970	GCGCACU A GCUGCUGU	8386	ACAGCAGC CUGAUGAG GCCGUUAGGC CGAA AGUGCCGC 2676
5069	5961	GCUGCUGU C ACUGCAGA	8387	UCUGCAGU CUGAUGAG GCCGUUAGGC CGAA ACAGCAGC 2676
5082	5948	CAGAUGGU U CUCCCAGG	8388	CCUGGGAG CUGAUGAG GCCGUUAGGC CGAA ACCAUCUG 2676
5082	5947	AGAUGGUU C UCCCAGGA	8389	UCCUGGGA CUGAUGAG GCCGUUAGGC CGAA AACCAUCU 2676
5085	5945	AUGGUUCU C CCAGGAUC	8390	GAUCCUGG CUGAUGAG GCCGUUAGGC CGAA AGAACCAU 2676
5093	5937	CCCAGGAU C ACUCUCCC	8391	GGGAGAGU CUGAUGAG GCCGUUAGGC CGAA AUCCUGGG 2676
5097	5933	GGAUCACU C UCCCUUCU	8392	AGAAGGGA CUGAUGAG GCCGUUAGGC CGAA AGUGAUCC 2676
5099	5931	AUCACUCU C CCUUCUCC	8393	GGAGAAGG CUGAUGAG GCCGUUAGGC CGAA AGAGUGAU 2676
5103	5927	cucuccon n cuccuncn	8394	AGAAGGAG CUGAUGAG GCCGUUAGGC CGAA AGGGAGAG 2677
5103	5926	nchecon e neconera	8395	CAGAAGGA CUGAUGAG GCCGUUAGGC CGAA AAGGGAGA 2677
5104	5924	nccencn c concagan	8396	AACAGAAG CUGAUGAG GCCGUUAGGC CGAA AGAAGGGA 267
5109	5921	CUUCUCCU U CUGUUAUG	8397	CAUAACAG CUGAUGAG GCCGUUAGGC CGAA AGGAGAAG 267
5110	5920	UUCUCCUU C UGUUAUGA	8398	UCAUAACA CUGAUGAG GCCGUUAGGC CGAA AAGGAGAA 267
5114	5916	CCUUCUGU U AUGAUGGU	8399	ACCAUCAU CUGAUGAG GCCGUUAGGC CGAA ACAGAAGG 267
5115	5915	CUUCUGUU A UGAUGGUU	8400	AACCAUCA CUGAUGAG GCCGUUAGGC CGAA AACAGAAG 2677
5123		AUGAUGGU U GGUUUCAC	8401	GUGAAACC CUGAUGAG GCCGUUAGGC CGAA ACCAUCAU 267
5127	5903	UGGUUGGU U UCACACUC	8402	GAGUGUGA CUGAUGAG GCCGUUAGGC CGAA ACCAACCA 2677
5128	5902	GGUUGGUU U CACACUCU	8403	AGAGUGUG CUGAUGAG GCCGUUAGGC CGAA AACCAACC 267
5129	5902	GUUGGUUU C ACACUCUU	8404	AAGAGUGU CUGAUGAG GCCGUUAGGC CGAA AAACCAAC 2678
5135	5895	UUCACACU C UUCCGGCU	8405	AGCCGGAA CUGAUGAG GCCGUUAGGC CGAA AGUGUGAA 2678
5137	5893	CACACUCU U CCGGCUGU	8406	ACAGCCGG CUGAUGAG GCCGUUAGGC CGAA AGAGUGUG 2678
5138	5892	ACACUCUU C CGGCUGUC	8407	GACAGCCG CUGAUGAG GCCGUUAGGC CGAA AAGAGUGU 2678
5146	5884	CCGGCUGU C AAUCACCC	8408	GGGUGAUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCGG 2678
5150	5880	CUGUCAAU C ACCCUGCU	8409	AGCAGGGU CUGAUGAG GCCGUUAGGC CGAA AUUGACAG 2678
5159	5871	ACCCUGCU C GCCUUGAA	8410	UUCAAGGC CUGAUGAG GCCGUUAGGC CGAA AGCAGGGU 2676
5164	5866	GCUCGCCU U GAAGUUAG	8411	CUAACUUC CUGAUGAG GCCGUUAGGC CGAA AGGCGAGC 2678
5170	5860	CUUGAAGU U AGCCCCCA	8412	UGGGGGCU CUGAUGAG GCCGUUAGGC CGAA ACUUCAAG 2676
5170	5859	UUGAAGUU A GCCCCCAU	8413	AUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AACUUCAA 2678
5180	5850	GCCCCCAU U UCAGAUAU	8414	AUAUCUGA CUGAUGAG GCCGUUAGGC CGAA AUGGGGGC 2679
5180		CCCCCAU U CAGAUAUG	8414	CAUAUCUG CUGAUGAG GCCGUUAGGC CGAA AAUGGGGG 2679
5182	5849	CCCCAUU C AGAUAUGU	8416	ACAUAUCU CUGAUGAG GCCGUUAGGC CGAA AAAUGGGG 2679
5182	5843	UUUCAGAU A UGUCUGUU	8417	AACAGACA CUGAUGAG GCCGUUAGGC CGAA AUCUGAAA 2679
5191	5839	AGAUAUGU C UGUUGUGA	8418	UCACAACA CUGAUGAG GCCGUUAGGC CGAA ACAUAUCU 2679
5195	5835	AUGUCUGU U GUGAUAAC	8419	GUUAUCAC CUGAUGAG GCCGUUAGGC CGAA ACAGACAU 2679
5201	5829	GUUGUGAU A ACAAAGUC	8420	GACUUUGU CUGAUGAG GCCGUUAGGC CGAA AUCACAAC 2679
5201	5829	AACAAAGU C CCAAUCAU	8421	AUGAUUGG CUGAUGAG GCCGUUAGGC CGAA ACUUUGUU 267
3203	1 2021	LEGENSON C CONNOCHO	1 0324	1 Maria de Compagna de Compagn

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5215	5815	GUCCCAAU C AUCGUUCU	8422	AGAACGAU	CUGAUGAG	GCCGUUAGGC	CGAA	AUUGGGAC	26798
5218	5812	CCAAUCAU C GUUCUUAC	8423	GUAAGAAC	CUGAUGAG	GCCGUUAGGC	CGAA	AUGAUUGG	26799
5221	5809	AUCAUCGU U CUUACAUU	8424	AAUGUAAG	CUGAUGAG	GCCGUUAGGC	CGAA	ACGAUGAU	26800
5222	5808	UCAUCGUU C UUACAUUU	8425	AAAUGUAA	CUGAUGAG	GCCGUUAGGC	CGAA	AACGAUGA	26801
5224	5806	AUCGUUCU U ACAUUUUG	8426	CAAAAUGU	CUGAUGAG	GCCGUUAGGC	CGAA	AGAACGAU	26802
5225	5805	UCGUUCUU A CAUUUUGG	8427	CCAAAAUG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGAACGA	26803
5229	5801	UCUUACAU U UUGGGUAC	8428	GUACCCAA	CUGAUGAG	GCCGUUAGGC	CGAA	AUGUAAGA	26804
5230	5800	CUUACAUU U UGGGUACU	8429	AGUACCCA	CUGAUGAG	GCCGUUAGGC	CGAA	AAUGUAAG	26805
5231	5799	UUACAUUU U GGGUACUC	8430	GAGUACCC	CUGAUGAG	GCCGUUAGGC	CGAA	AAAUGUAA	26806
5236	5794	UUUUGGGU A CUCCGUCU	8431	AGACGGAG	CUGAUGAG	GCCGUUAGGC	CGAA	ACCCAAAA	26807
5239	5791	UGGGUACU C CGUCUCGU	8432	ACGAGACG	CUGAUGAG	GCCGUUAGGC	CGAA	AGUACCCA	26808
5243	5787	UACUCCGU C UCGUACGA	8433	UCGUACGA	CUGAUGAG	GCCGUUAGGC	CGAA	ACGGAGUA	26809
5245	5785	CUCCGUCU C GUACGACU	8434	AGUCGUAC	CUGAUGAG	GCCGUUAGGC	CGAA	AGACGGAG	26810
5248	5782	CGUCUCGU A CGACUUUC	8435	GAAAGUCG	CUGAUGAG	GCCGUUAGGC	CGAA	ACGAGACG	26811
5254	5776	GUACGACU U UCUGUUCA	8436	UGAACAGA	CUGAUGAG	GCCGUUAGGC	CGAA	AGUCGUAC	26812
5255	5775	UACGACUU U CUGUUCAA	8437	UUGAACAG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGUCGUA	26813
5256	5774	ACGACUUU C UGUUCAAU	8438	AUUGAACA	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGUCGU	26814
5260	5770	CUUUCUGU U CAAUUGGA	8439	UCCAAUUG	CUGAUGAG	GCCGUUAGGC	CGAA	ACAGAAAG	26815
5261	5769	UUUCUGUU C AAUUGGAC	8440	GUCCAAUU	CUGAUGAG	GCCGUUAGGC	CGAA	AACAGAAA	26816
5265	5765	UGUUCAAU U GGACUACU	8441	AGUAGUCC	CUGAUGAG	GCCGUUAGGC	CGAA	AUUGAACA	26817
5271	5759	AUUGGACU A CUUUCUUU	8442	AAAGAAAG	CUGAUGAG	GCCGUUAGGC	CGAA	AGUCCAAU	26818
5274	5756	GGACUACU U UCUUUCCA	8443	UGGAAAGA	CUGAUGAG	GCCGUUAGGC	CGAA	AGUAGUCC	26819
5275	5755	GACUACUU U CUUUCCAG	8444	CUGGAAAG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGUAGUC	26820
5276	5754	ACUACUUU C UUUCCAGC	8445	GCUGGAAA	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGUAGU	26821
5278	5752	UACUUUCU U UCCAGCAC	8446	GUGCUGGA	CUGAUGAG	GCCGUUAGGC	CGAA	AGAAAGUA	26822
5279	5751	ACUUUCUU U CCAGCACG	8447	CGUGCUGG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGAAAGU	26823
5280	5750	CUUUCUUU C CAGCACGU	8448	ACGUGCUG	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGAAAG	26824
5289	5741	CAGCACGU U GUAGGCAA	8449	UUGCCUAC	CUGAUGAG	GCCGUUAGGC	CGAA	ACGUGCUG	26825
5292	5738	CACGUUGU A GGCAAAGG	8450	CCUUUGCC	CUGAUGAG	GCCGUUAGGC	CGAA	ACAACGUG	26826
5306	5724	AGGGCAAU C UCAUUCCC	8451	GGGAAUGA	CUGAUGAG	GCCGUUAGGC	CGAA	AUUGCCCU	26827
5308	5722	GGCAAUCU C AUUCCCCA	8452	UGGGGAAU	CUGAUGAG	GCCGUUAGGC	CGAA	AGAUUGCC	26828
5311	5719	AAUCUCAU U CCCCAUCU	8453	AGAUGGGG	CUGAUGAG	GCCGUUAGGC	CGAA	AUGAGAUU	26829
5312	5718	AUCUCAUU C CCCAUCUU	8454	AAGAUGGG	CUGAUGAG	GCCGUUAGGC	CGAA	AAUGAGAU	26830
5318	5712	UUCCCCAU C UUGACACU	8455	AGUGUCAA	CUGAUGAG	GCCGUUAGGC	CGAA	AUGGGGAA	26831
5320	5710	CCCCAUCU U GACACUAG	8456	CUAGUGUC	CUGAUGAG	GCCGUUAGGC	CGAA	AGAUGGGG	26832
5327	5703	UUGACACU A GGCACAAA	8457	UUUGUGCC	CUGAUGAG	GCCGUUAGGC	CGAA	AGUGUCAA	26833
5345	5685	CAAACCGU C UUCCCGGU	8458	ACCGGGAA	CUGAUGAG	GCCGUUAGGC	CGAA	ACGGUUUG	26834
5347	5683	AACCGUCU U CCCGGUGU	8459	ACACCGGG	CUGAUGAG	GCCGUUAGGC	CGAA	AGACGGUU	26835
5348	5682	ACCGUCUU C CCGGUGUA	8460	UACACCGG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGACGGU	26836
5356	5674	CCCGGUGU A UUCUGUGA	8461	UCACAGAA	CUGAUGAG	GCCGUUAGGC	CGAA	ACACCGGG	26837
5358	5672	CGGUGUAU U CUGUGAUC	8462	GAUCACAG	CUGAUGAG	GCCGUUAGGC	CGAA	AUACACCG	26838
5359	5671	GGUGUAUU C UGUGAUCC	8463	GGAUCACA	CUGAUGAG	GCCGUUAGGC	CGAA	AAUACACC	26839
5366	5664	UCUGUGAU C CAUUCGUA	8464	UACGAAUG	CUGAUGAG	GCCGUUAGGC	CGAA	AUCACAGA	26840
5370	5660	UGAUCCAU U CGUAUCCA	8465	UGGAUACG	CUGAUGAG	GCCGUUAGGC	CGAA	AUGGAUCA	26841
5371	5659	GAUCCAUU C GUAUCCAG	8466	CUGGAUAC	CUGAUGAG	GCCGUUAGGC	CGAA	AAUGGAUC	26842
5374	5656	CCAUUCGU A UCCAGAGU	8467			GCCGUUAGGC			26843
5376	5654	AUUCGUAU C CAGAGUUC	8468	GAACUCUG	CUGAUGAG	GCCGUUAGGC	CGAA	AUACGAAU	26844
5383	5647	UCCAGAGU U CCAAGCUC	8469			GCCGUUAGGC			26845
5384	5646	CCAGAGUU C CAAGCUCG	8470	CGAGCUUG	CUGAUGAG	GCCGUUAGGC	CGAA	AACUCUGG	26846
5391	5639	UCCAAGCU C GAUCCGGG	8471	CCCGGAUC	CUGAUGAG	GCCGUUAGGC	CGAA	AGCUUGGA	26847
5395	5635	AGCUCGAU C CGGGAUCU	8472	AGAUCCCG	CUGAUGAG	GCCGUUAGGC	CGAA	AUCGAGCU	26848
5402	5628	UCCGGGAU C UCAGUCUG	8473	CAGACUGA	CUGAUGAG	GCCGUUAGGC	CGAA	AUCCCGGA	26849
5404	5626	CGGGAUCU C AGUCUGUA	8474	UACAGACU	CUGAUGAG	GCCGUUAGGC	CGAA	AGAUCCCG	26850
5408	5622	AUCUCAGU C UGUAAGUC	8475	GACUUACA	CUGAUGAG	GCCGUUAGGC	CGAA	ACUGAGAU	26851
5412	5618	CAGUCUGU A AGUCGGAA	8476	UUCCGACU	CUGAUGAG	GCCGUUAGGC	CGAA	ACAGACUG	26852
5416	5614	CUGUAAGU C GGAAAUUG	8477	CAAUUUCC	CUGAUGAG	GCCGUUAGGC	CGAA	ACUUACAG	26853
5423	5607	UCGGAAAU U GGUGAAUU	8478	AAUUCACC	CUGAUGAG	GCCGUUAGGC	CGAA	AUUUCCGA	26854
5431	5599	UGGUGAAU U GGACUCUG	8479	CAGAGUCC	CUGAUGAG	GCCGUUAGGC	CGAA	AUUCACCA	26855
5437	5593	AUUGGACU C UGGGAAUG	8480			GCCGUUAGGC			26856
5449	5581	GAAUGGAU C UGAAGUGC	8481	GCACUUCA	CUGAUGAG	GCCGUUAGGC	CGAA	AUCCAUUC	26857
5474	5556	GUGGCUGU C AUGAAUAU	8482	AUAUUCAU	CUGAUGAG	GCCGUUAGGC	CGAA	ACAGCCAC	26858
5481	5549	UCAUGAAU A UUGCCGCC	8483			GCCGUUAGGC			26859

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5483	5547	AUGAAUAU U GCCGCCGC	8484		25050
					26860
5494	5536	CGCCGCCU C CCCUAGCU	8485		26861
5499	5531	CCUCCCU A GCUCGACC	8486	GGUCGAGC CUGAUGAG GCCGUUAGGC CGAA AGGGGAGG	26862
5503	5527	CCCUAGCU C GACCUUUG	8487	CAAAGGUC CUGAUGAG GCCGUUAGGC CGAA AGCUAGGG	26863
5509	5521	CUCGACCU U UGUGGAAA	8488	UUUCCACA CUGAUGAG GCCGUUAGGC CGAA AGGUCGAG	26864
5510	5520	UCGACCUU U GUGGAAAU	8489	AUUUCCAC CUGAUGAG GCCGUUAGGC CGAA AAGGUCGA	26865
5521	5509	GGAAAUGU A ACCUCUUG	8490	CAAGAGGU CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC	26866
5526	5504	· UGUAACCU C UUGCUGCA	8491	UGCAGCAA CUGAUGAG GCCGUUAGGC CGAA AGGUUACA	26867
5528	5502	UAACCUCU U GCUGCAAU	8492	AUUGCAGC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA	26868
5540	5490	GCAAUGCU A GCUGGGUC	8493		26869
5548	5482	AGCUGGGU C GGUGAAAU	8494	AUUUCACC CUGAUGAG GCCGUUAGGC CGAA ACCCAGCU	26870
5563	5467	AUGAGCCU C AUCCAUCA	8495	UGAUGGAU CUGAUGAG GCCGUUAGGC CGAA AGGCUCAU	26871
5566	5464	AGCCUCAU C CAUCACGA	8496	UCGUGAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGGCU	
5570	5460	UCAUCCAU C ACGAACAG	8497	 	26872
		 		CUGUUCGU CUGAUGAG GCCGUUAGGC CGAA AUGGAUGA	26873
5581	5449	GAACAGGU U GUAGUUCG	8498	CGAACUAC CUGAUGAG GCCGUUAGGC CGAA ACCUGUUC	26874
5584	5446	CAGGUUGU A GUUCGGCA	8499	UGCCGAAC CUGAUGAG GCCGUUAGGC CGAA ACAACCUG	26875
5587	5443	GUUGUAGU U CGGCACCC	8500	GGGUGCCG CUGAUGAG GCCGUUAGGC CGAA ACUACAAC	26876
5588	5442	UUGUAGUU C GGCACCCU	8501	AGGGUGCC CUGAUGAG GCCGUUAGGC CGAA AACUACAA	26877
5609	5421	GGAGACAU C AGCCUGUG	8502	CACAGGCU CUGAUGAG GCCGUUAGGC CGAA AUGUCUCC	26878
5627	5403	GUGAGGGU A GCAUGACA	8503	UGUCAUGC CUGAUGAG GCCGUUAGGC CGAA ACCCUCAC	26879
5644	5386	CAUGACAU C AACAAUCU	8504	AGAUUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUCAUG	26880
5651	5379	UCAACAAU C UCAUUUCC	8505	GGAAAUGA CUGAUGAG GCCGUUAGGC CGAA AUUGUUGA	26881
5653	5377	AACAAUCU C AUUUCCAU	8506	AUGGAAAU CUGAUGAG GCCGUUAGGC CGAA AGAUUGUU	26882
5656	5374	AAUCUCAU U UCCAUUAU	8507	AUAAUGGA CUGAUGAG GCCGUUAGGC CGAA AUGAGAUU	26883
5657	5373	AUCUCAUU U CCAUUAUG	8508	CAUAAUGG CUGAUGAG GCCGUUAGGC CGAA AAUGAGAU	26884
5658	5372	UCUCAUUU C CAUUAUGU	8509	ACAUAAUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAGA	26885
5662	5368	AUUUCCAU U AUGUUCUC	8510	GAGAACAU CUGAUGAG GCCGUUAGGC CGAA AUGGAAAU	26886
5663	5367	UUUCCAUU A UGUUCUCU	8511	AGAGAACA CUGAUGAG GCCGUUAGGC CGAA AAUGGAAA	26887
5667	5363	CAUUAUGU U CUCUGGGC	8512		
				GCCCAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUAAUG	26888
5668	5362	AUUAUGUU C UCUGGGCA	8513	UGCCCAGA CUGAUGAG GCCGUUAGGC CGAA AACAUAAU	26889
5670	5360	UAUGUUCU C UGGGCACU	8514	AGUGCCCA CUGAUGAG GCCGUUAGGC CGAA AGAACAUA	26890
5687	5343	GCGGAUGU C UGGUACCG	8515		26891
5692	5338	UGUCUGGU A CCGGAUGG	8516		26892
5706	5324	UGGGCAGU C CUCUCAGU	8517	ACUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACUGCCCA	26893
5709	5321	GCAGUCCU C UCAGUGCU	8518		26894
5711	5319	AGUCCUCU C AGUGCUUC	8519		26895
5718	5312	UCAGUGCU U CAGCCAUC	8520	GAUGGCUG CUGAUGAG GCCGUUAGGC CGAA AGCACUGA	26896
5719	5311	CAGUGCUU C AGCCAUCU	8521	AGAUGGCU CUGAUGAG GCCGUUAGGC CGAA AAGCACUG	26897
5726	5304	UCAGCCAU C UCAGCAGC	8522	GCUGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGGCUGA	26898
5728	5302	AGCCAUCU C AGCAGCCA	8523	UGGCUGCU CUGAUGAG GCCGUUAGGC CGAA AGAUGGCU	26899
5747	5283	ACCCUGGU U GGUGCUAG	8524		26900
5754	5276	UUGGUGCU A GCACGGCU	8525		26901
5765	5265	ACGGCUGU U CUCAGUCU	8526		26902
5766	5264	CGGCUGUU C UCAGUCUU	8527		26903
5768	5262	GCUGUUCU C AGUCUUCU	8528		{
5772	5258	UUCUCAGU C UUCUGUUU	8529		26904
5774	5256	CUCAGUCU U CUGUUUAU			26905
5775	5255	UCAGUCUU C UGUUUAUG	8530		26906
5779			8531		26907
	5251	UCUUCUGU U UAUGGCCU	8532		26908
5780	5250	CUUCUGUU U AUGGCCUC	8533		26909
5781	5249	UUCUGUUU A UGGCCUCU	8534		26910
5788	5242	UAUGGCCU C UUUGAUGA	8535		26911
5790	5240	UGGCCUCU U UGAUGAUC	8536	GAUCAUCA CUGAUGAG GCCGUUAGGC CGAA AGAGGCCA	26912
5791	5239	GGCCUCUU U GAUGAUCU	8537	AGAUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGAGGCC	26913
5798	5232	UUGAUGAU C UGUGGCAG	8538	CUGCCACA CUGAUGAG GCCGUUAGGC CGAA AUCAUCAA	26914
5810	5220	GGCAGAAU C CUCCUUGU	8539		26915
5813	5217	AGAAUCCU C CUUGUUUU	8540		26916
5816	5214	AUCCUCCU U GUUUUACC	8541		26917
5819	5211	CUCCUUGU U UUACCGGC	8542		26918
5820	5210	UCCUUGUU U UACCGGCG	8543		26919
5821	5209	CCUUGUUU U ACCGGCGC	8544		
5822	5208	CUUGUUUU A CCGGCGCC	8545		26920
لعتتا			0323	GGCGCCGG CUGAUGAG GCCGUUAGGC CGAA AAAACAAG	26921

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5842 5188 AUGGAGAU C CAGUACAG 8546 CUGUACUG CUGAUGAG GCCGUUAGGC CGAA AUCUCCAU 26922

5842	5188	AUGGAGAU C CAGUACAG	8546	CUGUACUG CUGAUGAG GCCGUUAGGC CGAA AUCUCCAU	26922
5847	5183	GAUCCAGU A CAGUGAUC	8547	GAUCACUG CUGAUGAG GCCGUUAGGC CGAA ACUGGAUC	26923
5855	5175	ACAGUGAU C UGUUUUUU	8548	AAAAAACA CUGAUGAG GCCGUUAGGC CGAA AUCACUGU	26924
5859	5171	UGAUCUGU U UUUUCCUC	8549	GAGGAAAA CUGAUGAG GCCGUUAGGC CGAA ACAGAUCA	26925
5860	5170	GAUCUGUU U UUUCCUCA	8550	UGAGGAAA CUGAUGAG GCCGUUAGGC CGAA AACAGAUC	26926
		AUCUGUUU U UUCCUCAG	8551	CUGAGGAA CUGAUGAG GCCGUUAGGC CGAA AAACAGAU	26927
5861	5169			GCUGAGGA CUGAUGAG GCCGUUAGGC CGAA AAAACAGA	26928
5862	5168	UCUGUUUU U UCCUCAGC	8552	UGCUGAGG CUGAUGAG GCCGUUAGGC CGAA AAAAACAG	26929
5863	5167	CUGUUUUU U CCUCAGCA	8553		——
5864	5166	UGUUUUUU C CUCAGCAU	8554	AUGCUGAG CUGAUGAG GCCGUUAGGC CGAA AAAAAACA	26930
5867	5163	UUUUUCCU C AGCAUCUC	8555	GAGAUGCU CUGAUGAG GCCGUUAGGC CGAA AGGAAAAA	26931
5873	5157	CUCAGCAU C UCAGGUUC	8556	GAACCUGA CUGAUGAG GCCGUUAGGC CGAA AUGCUGAG	26932
5875	5155	CAGCAUCU C AGGUUCGA	8557	UCGAACCU CUGAUGAG GCCGUUAGGC CGAA AGAUGCUG	26933
5880	5150	UCUCAGGU U CGAAUCCG	8558	CGGAUUCG CUGAUGAG GCCGUUAGGC CGAA ACCUGAGA	26934
5881	5149	CUCAGGUU C GAAUCCGG	8559	CCGGAUUC CUGAUGAG GCCGUUAGGC CGAA AACCUGAG	26935
5886	5144	GUUCGAAU C CGGCUGGG	8560	CCCAGCCG CUGAUGAG GCCGUUAGGC CGAA AUUCGAAC	26936
5897	5133	GCUGGGAU U GGCUCAUC	8561	GAUGAGCC CUGAUGAG GCCGUUAGGC CGAA AUCCCAGC	26937
5902	5128	GAUUGGCU C AUCCAUCC	8562	GGAUGGAU CUGAUGAG GCCGUUAGGC CGAA AGCCAAUC	26938
5905	5125	UGGCUCAU C CAUCCUUU	8563	AAAGGAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGCCA	26939
5909	5121	UCAUCAU C CUUUCACC	8564	GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AUGGAUGA	26940
<u> </u>	5118	UCCAUCCU U UCACCCUG	8565	CAGGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAUGGA	26941
5912			8566	GCAGGGUG CUGAUGAG GCCGUUAGGC CGAA AAGGAUGG	26942
5913	5117	CCAUCCUU U CACCCUGC			26943
5914	5116	CAUCCUUU C ACCCUGCA	8567		
5925	5105	CCUGCACU A UCGCGCUU	8568	AAGCGCGA CUGAUGAG GCCGUUAGGC CGAA AGUGCAGG	26944
5927	5103	UGCACUAU C GCGCUUAU	8569	AUAAGCGC CUGAUGAG GCCGUUAGGC CGAA AUAGUGCA	26945
5933	5097	AUCGCGCU U AUGUAUGA	8570	UCAUACAU CUGAUGAG GCCGUUAGGC CGAA AGCGCGAU	26946
5934	5096	UCGCGCUU A UGUAUGAG	8571	CUCAUACA CUGAUGAG GCCGUUAGGC CGAA AAGCGCGA	26947
5938	5092	GCUUAUGU A UGAGCCGU	8572	ACGGCUCA CUGAUGAG GCCGUUAGGC CGAA ACAUAAGC	26948
5947	5083	UGAGCCGU U GGGCAUUA	8573	UAAUGCCC CUGAUGAG GCCGUUAGGC CGAA ACGGCUCA	26949
5954	5076	UUGGGCAU U AUGACUCC	8574	GGAGUCAU CUGAUGAG GCCGUUAGGC CGAA AUGCCCAA	26950
5955	5075	UGGGCAUU A UGACUCCA	8575	UGGAGUCA CUGAUGAG GCCGUUAGGC CGAA AAUGCCCA	26951
5961	5069	UUAUGACU C CAUUGCCA	8576	UGGCAAUG CUGAUGAG GCCGUUAGGC CGAA AGUCAUAA	26952
5965	5065	GACUCCAU U GCCAUAAA	8577	UUUAUGGC CUGAUGAG GCCGUUAGGC CGAA AUGGAGUC	26953
5971	5059	AUUGCCAU A AAGCCCAA	8578	UUGGGCUU CUGAUGAG GCCGUUAGGC CGAA AUGGCAAU	26954
5981	5049	AGCCCAAU C ACAUCACC	8579	GGUGAUGU CUGAUGAG GCCGUUAGGC CGAA AUUGGGCU	26955
5986	5044	AAUCACAU C ACCGUUUU	8580	AAAACGGU CUGAUGAG GCCGUUAGGC CGAA AUGUGAUU	26956
		AUCACCGU U UUUGUCCA	8581	UGGACAAA CUGAUGAG GCCGUUAGGC CGAA ACGGUGAU	26957
5992	5038		8582	GUGGACAA CUGAUGAG GCCGUUAGGC CGAA AACGGUGA	26958
5993	5037	UCACCGUU U UUGUCCAC		AGUGGACA CUGAUGAG GCCGUUAGGC CGAA AAACGGUG	26959
5994	5036	CACCGUUU U UGUCCACU	8583		
5995	5035	ACCGUUUU U GUCCACUA	8584	UAGUGGAC CUGAUGAG GCCGUUAGGC CGAA AAAACGGU	26960
5998	5032	GUUUUUGU C CACUAUUG	8585	CAAUAGUG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAC	26961
6003	5027	UGUCCACU A UUGGUGAG	8586	CUCACCAA CUGAUGAG GCCGUUAGGC CGAA AGUGGACA	26962
6005	5025	UCCACUAU U GGUGAGCC	8587	GGCUCACC CUGAUGAG GCCGUUAGGC CGAA AUAGUGGA	26963
6020	5010	CCUGAUGU U CCAGUGGG	8588	CCCACUGG CUGAUGAG GCCGUUAGGC CGAA ACAUCAGG	26964
6021	5009	CUGAUGUU C CAGUGGGG	8589	CCCCACUG CUGAUGAG GCCGUUAGGC CGAA AACAUCAG	26965
6034	4996	GGGGAAGU C CAAAGUCA	8590	UGACUUUG CUGAUGAG GCCGUUAGGC CGAA ACUUCCCC	26966
6041	4989	UCCAAAGU C ACGGCCCC	8591	GGGGCCGU CUGAUGAG GCCGUUAGGC CGAA ACUUUGGA	26967
6053	4977	GCCCGAU U UCUCCUUC	8592	GAAGGAGA CUGAUGAG GCCGUUAGGC CGAA AUCGGGGC	26968
6054	4976	CCCCGAUU U CUCCUUCA	8593	UGAAGGAG CUGAUGAG GCCGUUAGGC CGAA AAUCGGGG	26969
6055	4975	CCCGAUUU C UCCUUCAG	8594	CUGAAGGA CUGAUGAG GCCGUUAGGC CGAA AAAUCGGG	26970
6057	4973	CGAUUUCU C CUUCAGGU	8595	ACCUGAAG CUGAUGAG GCCGUUAGGC CGAA AGAAAUCG	26971
6060	4970	UUUCUCCU U CAGGUGUU	8596	AACACCUG CUGAUGAG GCCGUUAGGC CGAA AGGAGAAA	26972
6061	4969	UUCUCCUU C AGGUGUUU	8597	AAACACCU CUGAUGAG GCCGUUAGGC CGAA AAGGAGAA	26973
6068	4962	UCAGGUGU U UUGAACAC	8598	GUGUUCAA CUGAUGAG GCCGUUAGGC CGAA ACACCUGA	26974
				GUGUUCA CUGAUGAG GCCGUUAGGC CGAA AACACCUGA	+
6069	4961	CAGGUGUU U UGAACACC	8599		26975
6070	4960	AGGUGUUU U GAACACCC	8600	GGGUGUUC CUGAUGAG GCCGUUAGGC CGAA AAACACCU	26976
6084	4946	CCCCUGGU U UCGUCUGG	8601	CCAGACGA CUGAUGAG GCCGUUAGGC CGAA ACCAGGGG	26977
6085	4945	CCCUGGUU U CGUCUGGA	8602	UCCAGACG CUGAUGAG GCCGUUAGGC CGAA AACCAGGG	26978
6086	4944	CCUGGUUU C GUCUGGAC	8603	GUCCAGAC CUGAUGAG GCCGUUAGGC CGAA AAACCAGG	26979
6089	4941	GGUUUCGU C UGGACGUU	8604	AACGUCCA CUGAUGAG GCCGUUAGGC CGAA ACGAAACC	26980
6097	4933	CUGGACGU U CUUAACGU	8605	ACGUUAAG CUGAUGAG GCCGUUAGGC CGAA ACGUCCAG	26981
6098	4932	UGGACGUU C UUAACGUU	8606	AACGUUAA CUGAUGAG GCCGUUAGGC CGAA AACGUCCA	26982
6100	4930	GACGUUCU U AACGUUCU	8607	AGAACGUU CUGAUGAG GCCGUUAGGC CGAA AGAACGUC	26983

Table VIII	
6101 4929 ACGUUCUU A ACGUUCUU 8608 AAGAACGU CUGAUGAG GCCGUUAGGC CGAA AAGAAC	W1 20004
6106 4924 CUUAACGU U CUUGCCAG 8609 CUGGCAAG CUGAUGAG GCCGUUAGGC CGAA ACGUUA	
6107 4923 UUAACGUU C UUGCCAGG 8610 CCUGGCAA CUGAUGAG GCCGUUAGGC CGAA AACGUU	
6109 4921 AACGUUCU U GCCAGGUU 8611 AACCUGGC CUGAUGAG GCCGUUAGGC CGAA AGAACG	
6117 4913 UGCCAGGU U CCACCACA 8612 UGUGGUGG CUGAUGAG GCCGUUAGGC CGAA ACCUGG	
6118 4912 GCCAGGUU C CACCACAA 8613 UUGUGGUG CUGAUGAG GCCGUUAGGC CGAA AACCUG	C 26989
6128 4902 ACCACAAU C AUCUGCAC 8614 GUGCAGAU CUGAUGAG GCCGUUAGGC CGAA AUUGUG	TU 26990
6131 4899 ACAAUCAU C UGCACCUC 8615 GAGGUGCA CUGAUGAG GCCGUUAGGC CGAA AUGAUU	TU 26991
6139 4891 CUGCACCU C AUCCUGCC 8616 GGCAGGAU CUGAUGAG GCCGUUAGGC CGAA AGGUGC	G 26992
6142 4888 CACCUCAU C CUGCCCGU 8617 ACGGGCAG CUGAUGAG GCCGUUAGGC CGAA AUGAGG	JG 26993
6151 4879 CUGCCCGU U CCACUUGU 8618 ACAAGUGG CUGAUGAG GCCGUUAGGC CGAA ACGGGC	G 26994
6152 4878 UGCCCGUU C CACUUGUG 8619 CACAAGUG CUGAUGAG GCCGUUAGGC CGAA AACGGG	A 26995
6157 4873 GUUCCACU U GUGCUGCA 8620 UGCAGCAC CUGAUGAG GCCGUUAGGC CGAA AGUGGA	C 26996
6168 4862 GCUGCAAU U UCCAGGGU 8621 ACCCUGGA CUGAUGAG GCCGUUAGGC CGAA AUUGCA	C 26997
6169 4861 CUGCAAUU U CCAGGGUC 8622 GACCCUGG CUGAUGAG GCCGUUAGGC CGAA AAUUGC	
6170 4860 UGCAAUUU C CAGGGUCC 8623 GGACCCUG CUGAUGAG GCCGUUAGGC CGAA AAAUUG	
6177 4853 UCCAGGGU C CUCCGUAA 8624 UUACGGAG CUGAUGAG GCCGUUAGGC CGAA ACCCUG	
6180 4850 AGGGUCCU C CGUAACAA 8625 UUGUUACG CUGAUGAG GCCGUUAGGC CGAA AGGACCO	
6192 4838 AACAAAGU C GAUCCUCC 8627 GGAGGAUC CUGAUGAG GCCGUUAGGC CGAA ACUUUG	
6196 4834 AAGUCGAU C CUCCUUGA 8628 UCAAGGAG CUGAUGAG GCCGUUAGGC CGAA AUCGAC	
6199 4831 UCGAUCCU C CUUGACAC 8629 GUGUCAAG CUGAUGAG GCCGUUAGGC CGAA AGGAUC	
6202 4828 AUCCUCCU U GACACUGC 8630 GCAGUGUC CUGAUGAG GCCGUUAGGC CGAA AGGAGG	
6217 4813 GCCCCAGU A UGGGUCCA 8631 UGGACCCA CUGAUGAG GCCGUUAGGC CGAA ACUGGG	
6223 4807 GUAUGGGU C CAGGCGGC 8632 GCCGCCUG CUGAUGAG GCCGUUAGGC CGAA ACCCAU	
6235 4795 GCGGCCCU C UCCGCUCA 8633 UGAGCGGA CUGAUGAG GCCGUUAGGC CGAA AGGGCC	GC 27009
6237 4793 GGCCCUCU C CGCUCAUC 8634 GAUGAGCG CUGAUGAG GCCGUUAGGC CGAA AGAGGGG	CC 27010
6242 4788 UCUCCGCU C AUCAAAGC 8635 GCUUUGAU CUGAUGAG GCCGUUAGGC CGAA AGCGGA	A 27011
6245 4785 CCGCUCAU C AAAGCGGC 8636 GCCGCUUU CUGAUGAG GCCGUUAGGC CGAA AUGAGC	G 27012
6255 4775 AAGCGGCU C CUUUUGUU 8637 AACAAAAG CUGAUGAG GCCGUUAGGC CGAA AGCCGC	JU 27013
6258 4772 CGGCUCCU U UUGUUGUA 8638 UACAACAA CUGAUGAG GCCGUUAGGC CGAA AGGAGC	CG 27014
6259 4771 GGCUCCUU U UGUUGUAU 8639 AUACAACA CUGAUGAG GCCGUUAGGC CGAA AAGGAG	CC 27015
6260 4770 GCUCCUUU U GUUGUAUG 8640 CAUACAAC CUGAUGAG GCCGUUAGGC CGAA AAAGGA	C 27016
6263 4767 CCUUUUGU U GUAUGCCA 8641 UGGCAUAC CUGAUGAG GCCGUUAGGC CGAA ACAAAA	G 27017
6266 4764 UUUGUUGU A UGCCAAAG 8642 CUUUGGCA CUGAUGAG GCCGUUAGGC CGAA ACAACA	AA 27018
6291 4739 AAACACCU U CAACCAUC 8643 GAUGGUUG CUGAUGAG GCCGUUAGGC CGAA AGGUGU	JU 27019
6292 4738 AACACCUU C AACCAUCA 8644 UGAUGGUU CUGAUGAG GCCGUUAGGC CGAA AAGGUG	JU 27020
6299 4731 UCAACCAU C ACGCCCGC 8645 GCGGGCGU CUGAUGAG GCCGUUAGGC CGAA AUGGUU	
6309 4721 CGCCCGCU C CUGCUUGA 8646 UCAAGCAG CUGAUGAG GCCGUUAGGC CGAA AGCGGG	
6315 4715 CUCCUGCU U GAUAACUG 8647 CAGUUAUC CUGAUGAG GCCGUUAGGC CGAA AGCAGG	
6319 4711 UGCUUGAU A ACUGCCGA 8648 UCGGCAGU CUGAUGAG GCCGUUAGGC CGAA AUCAAG	
6341 4689 CCACGAGU C AUGAUCCU 8649 AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA ACUCGUG	
6347 4683 GUCAUGAU C CUGUAGAC 8650 GUCUACAG CUGAUGAG GCCGUUAGGC CGAA AUCAUG	
6352 4678 GAUCCUGU A GACGCCGG 8651 CCGGCGUC CUGAUGAG GCCGUUAGGC CGAA ACAGGAI	
6365 4665 CCGGUGGU C GUGUCCCC 8652 GGGGACAC CUGAUGAG GCCGUUAGGC CGAA ACCACC	
6370 4660 GGUCGUGU C CCCCUUUU 8653 AAAAGGGG CUGAUGAG GCCGUUAGGC CGAA ACACGA	
6376 4654 GUCCCCCU U UUUGUACU 8654 AGUACAAA CUGAUGAG GCCGUUAGGC CGAA AGGGGGG	
6377 4653 UCCCCCUU U UUGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAGGGGG	
6378 4652 CCCCCUUU U UGUACUCC 8656 GGAGUACA CUGAUGAG GCCGUUAGGC CGAA AAAGGGG	
6379 4651 CCCCUUUU U GUACUCCU 8657 AGGAGUAC CUGAUGAG GCCGUUAGGC CGAA AAAAGGG	
6382 4648 CUUUUUGU A CUCCUUUG 8658 CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA ACAAAA	AG 27034
6385 4645 UUUGUACU C CUUUGGUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AGUACA	A 27035
6388 4642 GUACUCCU U UGGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGU	C 27036
6389 4641 UACUCCUU U GGUGAGGG 8661 CCCUCACC CUGAUGAG GCCGUUAGGC CGAA AAGGAG	JA 27037
6403 4627 GGGAGUGU C CCACAACA 8662 UGUUGUGG CUGAUGAG GCCGUUAGGC CGAA ACACUC	C 27038
6417 4613 ACACGCCU C CUCUCUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGCGU	
6420 4610 CGCCUCCU C UCUUUGUG 8664 CACAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGG	
6422 4608 CCUCCUCU C UUUGUGUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGAGGAG	
6424 4606 UCCUCUCU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGG	
6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AAGAGAG	
I 643U I 460D I CUUUGUGU A UUGGAGAG I REER I CUCUCCAA CUCAUGAC CCCCUUACGC CCAA ACACAA	w 12/U44
6430 4600 CUUUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA ACACAA 6432 4598 UUGUGUAU U GGAGAGUU 8669 AACUCUCC CUGAUGAG GCCGUUAGGC CGAA AUACACA	

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6450 4560 OCCAMANO C. CANCIANCU B 673 GRANDUIG CUANARIO GECCULARGE CRAN AUTURGA 27949 6456 4574 ADECANCU A CUANARIO B 875 COLURAGE GECCULARGE CRAN AUTURGA 27949 6456 4574 ADECANCU A CUANARIO B 875 COLURAGE GECCULARGE CRAN AUTURGA 27969 6456 4556 GROCABATU C GECCARGE B 875 COLURAGE GECUANARIO GECULARGE CRAN AUTURGA 27951 6464 4546 GROCABATU C GECCARGE B 875 COLURAGE GECUANARIO GECULARGE CRAN AUTURGA 27951 6464 4546 GROCABATU C GECCARGE B 877 CUCROGROU CUANARIO GECULARGE CRAN AUTURGA 27951 6464 4546 GROCABATU C COLURAGE SAF7 CUCROGROU CUANARIO GECULARGE CRAN AUTURGA 27951 6464 4546 GROCABATU C COLURAGE SAF7 CUCROGROU CUANARIO GECULARGE CRAN AUTURGA 27951 6464 4546 GROCABATU C CUARACIA B 877 CUCROGROU CUANARIO GECULARGE CRAN AUTURGA 27951 6464 4546 GROCABATU C CUARACIA B 879 AUTURGA CUANARIO GECULARGE CRAN AUTURGA 27951 6469 4551 CRARCOLUL C CUANARIO B 879 AUTURGA CUANARIO GECULARGE CRAN AUTURGA 27951 6550 4551 CARACOLUL C CUANARIO B 869 AUTURGA CUANARIO GECULARGE CRAN AUTURGA 27957 6551 6552 CARACOLUL C CUANARIO B 8611 AUTURGA CUANARIO GECULARGE CRAN AUTURGA 27957 6552 4568 GRACICALL A UCULICAN 8612 AUTURGA CUANARIO GECULARGE CRAN AUTURGA 27957 6552 4568 GALICALULU C CUANARIO B 8613 CULTURGA CUANARIO GECULARGE CRAN AUTURGA 27958 6553 4564 CALAURUC U CUANARIO B 8613 CULTURGA CUANARIO GECULARGE CRAN AUTURGA 27958 6554 4566 CALAURUC U CUANARIO B 8613 CULTURGA CUANARIO GECULARGE CRAN AUTURGA 27958 6557 4569 AUTURGA COUNARIO B 8614 AUTURGA CUANARIO GECULARGE CORA AUTURGA 27958 6557 4569 AUTURGA CUANARIO B 8619 AUTURGA CUANARIO GECULARGE CORA AUTURGA 27958 6557 4499 AURURGA CUANARIO GERMAN CUANARIO GECULARGE CORA AUTURGA 27958 6558 4456 CUANARIO CUANARIO B 8619 AUTURGA CUANARIO GECULARGE CORA AUTURGA 27958 6559 4456 CUANARIO CUANARIO B 8619 AUTURGA CUANARIO GECULARGE CORA AUTURGA 27958 6551 4456 CUANARIO CUANARIO B 8619 AUTURGA CUANARIO GEC	6440	4590	UGGAGAGU U AUCCAAAA	8670	UUUUGGAU CUGAUGAG GCCGUUAGGC CGAA ACUCUCCA 27	7046
6456 6574 A DICCANCIA CURRIGAGE 6873 COCCURGO COMUNISCIA GEOULIAGOE CANA AUTUURGA 27065 6470 6560 6502AAAU CURRIGAGE 6875 COCURGO COMUNISCIA GEOULIAGOE CANA AUTUURGA 27065 6470 6560 6502AAAU CURRIGAGE 8675 COCURGOE CURRIGAGE 698A AUTUURGA 27065 6470 6560 6502AAAU CURRIGAGE 8675 COCURGOE CURRIGAGE 698A AUTUURGA 27065 6470 6560 6502AAAU CURRIGAGE 8675 CURRIGAGE CURRIGAGE 698A AUTUURGA 27065 6471 6550 6502AAU CURRIGAGE 8675 CURRIGAGE CURRIGAGE 698A AUTUURGA 27065 6471 6550 6502AAU CURRIGAGE 8675 CURRIGAGE CURRIGAGE 608A AUTUURGA 27065 6510 4520 AUTUURGA CURRIGAGE 8675 AUTUURGA CURRIGAGE 608A AUTUURGA 27065 6510 4520 AUTUURGA CURRIGAGE 608AAU CURRI	6441	4589	GGAGAGUU A UCCAAAAU	8671	AUUUUGGA CUGAUGAG GCCGUUAGGC CGAA AACUCUCC 27	7047
6456 6574 ANICCARUI CORGAGO 8675 COCCURS CUBANDAG CORGUNAGO CORA AGUIDAD 27951 6464 6546 GROGAGAU CORCURA 8675 UNIQUECE CUGANDAG CORGUNAGO CORA AGUIDAD 27951 6459 6559 MINCENCEL A RISPONDA 8677 CUGANDAG CORGUNAGO CORGU	6443	4587	AGAGUUAU C CAAAAUCC	8672	GGAUUUUG CUGAUGAG GCCGUUAGGC CGAA AUAACUCU 27	7048
	6450	4580	UCCAAAAU C CAACUACU	8673	AGUAGUUG CUGAUGAG GCCGUUAGGC CGAA AUUUUGGA 27	7049
	6456	4574	AUCCAACU A CUGAGGGC	8674	GCCCUCAG CUGAUGAG GCCGUUAGGC CGAA AGUUGGAU 27	7050
	6470	4560	GGCAAGAU U GCCCAGGG	8675	CCCUGGGC CUGAUGAG GCCGUUAGGC CGAA AUCUUGCC 27	7051
	6484	4546	GGGGGUGU A CGCACUAA	8676	UUAGUGCG CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 27	7052
	6491	4539	UACGCACU A AUCGCGAG	8677	CUCGCGAU CUGAUGAG GCCGUUAGGC CGAA AGUGCGUA 27	7053
	6494	4536	GCACUAAU C GCGAGACA	8678	UGUCUCGC CUGAUGAG GCCGUUAGGC CGAA AUUAGUGC 27	7054
5512 5518 CIDAGCAU C CARRICTU 561	6509	4521	CAGACCAU U CUGAGCAU	8679	AUGCUCAG CUGAUGAG GCCGUUAGGC CGAA AUGGUCUG 27	7055
1975 1970	6510	4520	AGACCAUU C UGAGCAUC	8680	GAUGCUCA CUGAUGAG GCCGUUAGGC CGAA AAUGGUCU 27	7056
6526 4504 CCAUNICU C UICCANGGI 8681 CCUURGA CUGAURGI GCGUURGIC CIAA AIRURGAL 7705 6526 4504 CCAUNICU UI CCARGIGIC 8685 GCACCUUR CUGAURGA GCGUURGIC CIAA AIRURGAL 27061 6527 4503 CAUNICU UI CAURGAIG 8685 GCACCUUR CUGAURGA GCCGUURGIC CIAA ARGARAR 27061 6544 4486 UICCUGGAU C AUUCAUGA 8687 URAUGAGAU CUGAURGA GCCGUURGIC CIAA ARGARAR 27061 6544 4486 UICCUGGAU C AUUCAUGA 8687 URAUGAGAU CUGAURGA GCCGUURGIC CIAA ARGARAR 27063 6544 4488 UICCUGGAU C AUUCAUGA 8687 CAURCAUGA UCAURGAGA 27063 6544 4488 UICCUGGAU C AUUCAUGA 8688 AGCUCAU CUGAURGA GCCGUURGIC CIAA AIRAR 27065 6548 4492 GGAUCAU U CAURGACU 8699 ARGARA GUGAURGA GCCGUURGIC CIAA AIRAR 27065 6558 4469 CUGGARGU U UICCAUCAU 8691 AUGAUGA GCCGUURGI GCAR AIRAR 27066 6556 4466 CUGGARGU U CCAUCAUCA 8691 AUGAUGA GCCGUURGI GCAR AIRAR 27066 6556 4466 GIGARGUU U CCAUCAUCA 8691 AUGAUGA GCCGUURGI GCAR AIRAR 27066 6556 4466 GIGARGUU C CAUCAUCA 8691 UUGAURGA CCCGUURGI CCAR AIRAR 27066 6556 4465 GIGARGUU C CAUCAUCA 8692 UUGAURGAI GCCGUURGI CCAR AIRAR 27066 6557 4455 UICCAUCAU AUGAUCA 8691 UUGAUGAU CCAUCAUCA 6591 AUGAUCA 4506 GCCGUURGA CCAR AIRAR 27066 6556 4446 CUGCACAC ARCUCUU 8696 ARGAR GCCGUURGA GCCGUURGA CCAR AIRAR 27066 6556 4446 CUGCACAC ARCUCUU GCGUCA 8695 GCGUURGA GCCGUURGA CCAR AIRAR 27076 6556 4446 CUGCACAC ARCUCUU GCGUCA 8695 GCGUURGA GCCGUURGA CCAR AIRAR 27076 6556 4446 CUGCACAC ARCUCUU GCGUCA 8695 ARCGACAC CUGAURGA GCCGUURGA CCAR AIRAR 27076 6556 4446 CUCCACAC ARCUCUU GCGUCA 8695 GCGACAAC CUCAURGA GCCGUURGA CCAR AIRAR 27076 6559 4436 CACCUUU CCCCCACAC 8697 ARCGACAC CUCAURGA GCCGUURGA CCAR AIRAR 27076 6599 4436 CACCUUCAU CCCCCACAC 8697 ARCGACAC CUCAURGA GCCGUURGA CCAR AIRAR 27076 6599 4436 CACCUUU CCC	6518	4512	CUGAGCAU C CAUAUCUU	8681	AAGAUAUG CUGAUGAG GCCGUUAGGC CGAA AUGCUCAG 27	7057
	6522	4508	GCAUCCAU A UCUUCCAA	8682	UUGGAAGA CUGAUGAG GCCGUUAGGC CGAA AUGGAUGC 27	7058
	6524	4506	AUCCAUAU C UUCCAAGG	8683	CCUUGGAA CUGAUGAG GCCGUUAGGC CGAA AUAUGGAU 27	7059
5537 4499 AAGGUIGU C CUIGAUCA 8698 UGANICCAG CUIGAUIGAG GCGUULAGG CAA AGCACCUU 27062 5544 4496 UCCUIGAU C AUUCANDA 5697 UCANDAN CUIGANDA GCCGUULAGG CAA AGCACCUU 27064 5547 4493 UGANICAU U CAUCANDA 5697 AGCACCUU CUIGANDA GCCGUULAGG CAA ANDICAUCA 27064 5548 4492 GADICAUU C UCANDACU 8690 AGCUCAU CUIGANDA GCCGUULAGG CAA ANDICAUCA 27065 5559 4457 UGANAGUU U CCAUCAU 8690 AGCACCUU CUIGANDA GCCGUULAGG CAA AAUGAUCA 27066 5564 4466 GUARAGUU U C CAUCAUCA 8692 GANAGUG CUIGANDA GCCGUULAGG CAA AAUGAUCA 27066 5564 4466 GGARAGUU U C CAUCAUCA 8692 GANAGUG CUIGANDA GCCGUULAGG CAA AAUGAUCA 27067 5571 4455 UCCAUCAU C AUCALCA 8692 UGANGGA GCCGUULAGG CAA AAUGAUCA 27067 5571 4456 UCCAUCAU C AUCALCAA 8693 UUGANGAU CUCANDAG GCCGUULAGG CAA AAUGAUCA 27067 6574 4456 AUCANDAU C AUCALCAA 8693 UUGANGAU CUCANDAG GCCGUULAGG CAA AAUGAUCA 27067 6574 4456 AUCANDAU C AUCANCAC 8695 UUGANGAU CUCANDAG GCCGUULAGG CAA AUGANGAC 27067 6575 4456 AUCANDAU C AUCANCAC 8695 AAAGAUU CUGANDAG GCCGUULAGG CAA AUGANGAU 27071 6581 4437 CANCACUC C UUUCGCUGA 8695 AAAGAUU CUGANDAG GCCGUULAGG CAA AUGANGAU 27073 6593 4437 CANCACUC U U UGCCUCAA 8698 UCCAAGGA CUGANDAG GCCGUULAGG CAA AUGANGAU 27075 6594 4436 CAACUCUU U CGCCUCAA 8698 UCCAAGGA CUGANDAG GCCGUULAGG CAA AAGAGUU 27075 6595 4436 CAACUCUU U CGCCCAA 8698 UCCAAGGA CUGANDAG GCCGUULAGG CAA AAGAGUU 27076 6595 4431 CUUCAGU C AGCCCAU 8704 UCCAAGG CUGANDAG GCCGUULAGG CAA AAGAGUU 27076 6595 4431 CUUCAGU C AGCCCAU 8704 GCCGAGA CUGANDAG GCCGUULAGG CAA AAGAGUU 27076 6611 4419 CUUCAUCA C AGCCCAU 8704 GCUCAAGG CUGANDAG GCCGUULAGG CAA AAGAGUU 27076 6612 4418 CUUCAUCA C AGCCCAU 8704 GCUCAAGG CUGANDAG GCCGUULAGG CGAA AAGAGUU 27076 6613 4417 UUCUCAG C AGCCCAU 8704 GAGAAAA CUGANDAG GCCGUULAGG CGAA AAGAGUC	6526	4504	CCAUAUCU U CCAAGGUG	8684	CACCUUGG CUGAUGAG GCCGUUAGGC CGAA AGAUAUGG 27	7060
5547 4486	6527	4503	CAUAUCUU C CAAGGUGC	8685	GCACCUUG CUGAUGAG GCCGUUAGGC CGAA AAGAUAUG 27	7061
6548 4483	6537	4493	AAGGUGCU C CUGGAUCA	8686	UGAUCCAG CUGAUGAG GCCGUUAGGC CGAA AGCACCUU 27	7062
6568	6544	4486	UCCUGGAU C AUUCAUGA	8687	UCAUGAAU CUGAUGAG GCCGUUAGGC CGAA AUCCAGGA 27	7063
	6547	4483	UGGAUCAU U CAUGAGCU	8688	AGCUCAUG CUGAUGAG GCCGUUAGGC CGAA AUGAUCCA 27	7064
6554 4467 UGGANGUU U CCAUCAUC 8691 GAUGAUGG CUGAUGAG GCCGUUAGGC CGAA AACUUCCA 27068 65564 44656 GGAAGUUU C CAUCAUCA 8692 UGAUGAUG CUGAUGAG GCCGUUAGGC CGAA AACUUUC 27058 65574 4469 UUCCAUCAU C AUCAUCAA 8693 UUGAUGAU CUGAUGAG GCCGUUAGGC CGAA AUGAGAAC 27069 6571 4459 UCCAUCAU C AUCAAGCC 8694 GGCUUGAU CUGAUGAG GCCGUUAGGC CGAA AUGAGGAAC 27070 6586 4444 CCGCACAU C AACCGCC 8695 GAGCGAGC GCGUUAGGG CGCGUUAGGC CGAA AUGAGGAAC 27070 6586 4444 CCGCACAU C AACUCUUU 8696 AAAGAGUU CUGAUGAG GCCGUUAGGC CGAA AUGAGGAG 27071 6586 4444 CCGCACAU C AACUCUUU 8696 AAAGAGUU CUGAUGAG GCCGUUAGGC CGAA AUGUGGG 27072 6593 4437 UCAACCCU U UCGCUCGA 8698 UCGAGGGA CUGAUGAG GCCGUUAGGC CGAA AUGUGGG 27073 6593 4437 UCAACCCU U UCGCUCGA 8698 UCGAGGGA CUGAUGAG GCCGUUAGGC CGAA AUGUGGG 27075 6595 4435 AACUCUUU C CCCUCGAG 8709 CUCGACGC CUGAUGAG GCCGUUAGGC CGAA AAGAGUU C 27075 6595 4435 AACUCUUU C CCCUCGAG 8709 CUCGACGC CUGAUGAG GCCGUUAGGC CGAA AACAGCUU 2 27076 6599 4431 CUUUCGCC C CAACCCCUU 8701 8702 GCAGAAAU CUGAUGAG GCCGUUAGGC CGAA AACAGCUU 2 27076 6608 4422 GAGCCUGU A AUUUCUGC 8702 GCAGAAAU CUGAUGAG GCCGUUAGGC CGAA AACAGCCU 2 27078 6611 4419 CCUGUAGAU I UCCCACCA 8704 UGAUGCAG CUGAUGAG GCCGUUAGGC CGAA ACACGCCU 2 27078 6612 4418 CUGUACAU U CUGAUCAC 8704 UGAUGCAG CUGAUGAG GCCGUUAGGC CGAA AUCACCAG 2 7078 6613 4417 UCUUCGCAU C ACUUUCCC 8706 GGGAAAAU CUGAUGAG GCCGUUAGGC CGAA AUCACCAG 2 7078 6613 4417 UUCUCGCAU C ACUUUCCC 8706 GGGAAAAU CUGAUGAG GCCGUUAGGC CGAA AUCACCAG 2 7078 6613 4417 UUCUCGCAU C ACUUUCCC 8706 GGGAAAG CUGAUGAG GCCGUUAGGC CGAA AAUUCCAG 2 7078 6613 4417 UUCUCGCAU C ACUUUCCC 8706 GGGAAAG CUGAUGAG GCCGUUAGGC CGAA AAUUCAC 2 7078 6613 4417 UUCUCGCAU C ACUUUCCC 8706 GGGAAAG CUGAUGAG GCCGUUAGGC CGAA AAUUCAC 2 7078 6614 4364 AUCACCUU C CAACGAG 8707 UUCUCGG CUGAUGAG GCCGUUAGGC CGAA AAUUCAC 2 7078 6614 4364 AUCACCUU C CAACGA	6548	4482	GGAUCAUU C AUGAGCUG	8689	CAGCUCAU CUGAUGAG GCCGUUAGGC CGAA AAUGAUCC 27	7065
	6562	4468	CUGGAAGU U UCCAUCAU	8690	AUGAUGGA CUGAUGAG GCCGUUAGGC CGAA ACUUCCAG 27	7066
	6563	4467	UGGAAGUU U CCAUCAUC	8691	GAUGAUGG CUGAUGAG GCCGUUAGGC CGAA AACUUCCA 27	7067
	6564	4466	GGAAGUUU C CAUCAUCA	8692	UGAUGAUG CUGAUGAG GCCGUUAGGC CGAA AAACUUCC 27	7068
6575	6568	4462	GUUUCCAU C AUCAUCAA	8693	UUGAUGAU CUGAUGAG GCCGUUAGGC CGAA AUGGAAAC 27	7069
6586 4444 CCGCACAU C AACUCUUU 8696 AAAGAGUU CUGAUGAG GCCGUUAGGC CGAA AUGUGCGG 27072 6591 4439 CAUCAACU C UUUCGCUCA 8697 GAGCGAAA CUGAUGAG GCCGUUAGGC CGAA AGUGUGAU 27073 6593 4437 UCAACUCU U CGCUCGAA 8698 UCAGAGGA CUGAUGAG GCCGUUAGGC CGAA AGUGUGA 27074 6594 4436 CAACUCUU U CGCUCGAG 8699 CUCAGAGG CUGAUGAG GCCGUUAGGC CGAA AGAGUUGA 27075 6595 4435 AACUCUUU C GCUCGAGC 8700 GCUCGAGG CUGAUGAG GCCGUUAGGC CGAA AAAGAGUUGA 27075 6599 4431 CUUUCGCU C GAGCCUGU 8701 ACAGGCU CUGAUGAG GCCGUUAGGC CGAA AAAGAGUU 27076 6608 4422 GAGCCUGU A AUUUCUGC 8701 ACAGGCU CUGAUGAG GCCGUUAGGC CGAA AACAGGUC 27077 6608 4422 GAGCCUGU A AUUUCUGC 8703 GAUGAGAG CUGAUGAG GCCGUUAGGC CGAA AACAGGCUC 27078 6611 4419 CCUGAAUU U CUGCAUCA 8704 UGAUGAGA CUGAUGAG GCCGUUAGGC CGAA ACAGGCUC 27078 6612 4418 CUGUAAUU U CUGCAUCA 8704 UGAUGCAG CUGAUGAG GCCGUUAGGC CGAA AUUACAGG 27076 6613 4417 UGUAAUUU C UGCAUCAC 8705 GUGAUGCAG CUGAUGAG GCCGUUAGGC CGAA AUUACAG 27080 6613 4417 UGUAAUUU C UGCAUCAC 8705 GUGAUGCAG CUGAUGAG GCCGUUAGGC CGAA AUUACAG 27080 6614 4418 UUCUGCAU C ACUUUCCC 8706 GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27081 6623 4407 GCAUCACUU U CCCCAGGAA 8708 UUCCUGAGG CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27081 6624 4406 CAUCACUU U CCCCAGGAA 8708 UUCCUGAG CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27082 6625 4406 CAUCACUU U CCCCAGGAA 8708 UUCCUGAG CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27081 6624 4406 CAUCACUU C CCCAGGAA 8709 UUCCUGAG CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27081 6625 4406 AUCACCUU C CCCAGGAA 8709 UUCCUGAG CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27081 6626 4393 GGAAAUG C CCCGUUC 8710 QAACGGCG CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27086 6637 4393 GGAAAUG C CCCGUUC 8710 QAACGGCG CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27088 6625 4305 AUGACACU C CACAGAAA 8709 UUCCUGAG CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27088 6626 4386 UCCGCGUU C UCCAAUCC 8712 QAACAGACAC CUGAUGAG GCCGUUAGGC CGAA AAUCACAC 27088 6624 4386 UCCGCGUU C UCCAAUCC 8712 QAACAGCAGC CGAAAGAGACC 27089 6624 4381 CCGCCGUU C AUUCCAAUC 8712 QAACAGCGCG CGAAAGAGCC CGAAAGAGCC 27089 6625 4371 AUCACACU C CACAGAAA 8719 UGUCAGAG CCGUUAGGC C	6571	4459	UCCAUCAU C AUCAAGCC	8694	GGCUUGAU CUGAUGAG GCCGUUAGGC CGAA AUGAUGGA 27	7070
6591 4439 CAUCAACU C UUCGCUCA 8697 GAGCGAAA CUGAUGAG GCCGUUAGGC CGAA AGUUGAUG 27073 6593 4437 UCAACUCU U UCGCUCGAA 8698 UCGAGCGA CUGAUGAG GCCGUUAGGC CGAA AGAGUUGA 27074 6594 4436 CAACUCUU C GCUCGAGC 8699 UCCGAGC CUGAUGAG GCCGUUAGGC CGAA AGAGUUGA 27075 6595 4435 AACUCUUU C GCUCGAGC 8700 GCUCGAGC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUGA 27076 6599 4431 CUUUCGCU C GAGCCUGU 8701 ACAGGCUC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA 27076 6599 4431 CUUUCGCU C GAGCCUGU 8701 ACAGGCUC CUGAUGAG GCCGUUAGGC CGAA AGCGAGCU 27078 6608 4422 GAGCCUGU A AUUUCUGC 8702 GAGAAAU CUGAUGAGG GCCGUUAGGC CGAA ACGGCUC 27078 6611 4419 CCUGUAAU U UCUGCAUCA 8703 GAUGCAGA CUGAUGAG GCCGUUAGGC CGAA ACAGCCUC 27078 6612 4418 CUGUAAUU C UGCAUCA 8704 UGAUGAGG CUGAUGAG GCCGUUAGGC CGAA AUUACAGG 27079 6613 4417 UGUAAUUU C UGCAUCA 8705 GUGAUGAG GCCGUUAGGC CGAA AUUACAGG 27080 6613 4417 UGUAAUUU C UGCAUCA 8705 GUGAUGAC CUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27081 6614 4418 UUCUGCAU C ACUUUCCC 8706 GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27081 6624 4406 CAUCACUU U CCCCAGGAA 8707 UCCUGGGA CUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27082 6624 4406 CAUCACUU U CCCAGGAA 8708 UUCCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAUGACAU 27084 6625 4405 AUCACUUU C CCAGGAAA 8708 UUCCCUGG CUGAUGAG GCCGUUAGGC CGAA AAUGACAU 27084 6626 4406 CAUCACUU C CCAGGAAA 8708 UUCCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC 27085 6634 4393 GGAAAUGC C CCCCGUUC 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC 27086 6634 4398 UCCGCCGU C CUCCAGUA 8711 AUUACAGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC 27086 6644 4386 CCGCCGUU C CUCCAAU 8711 AUUACAGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC 27087 6645 4385 CCGCCGUU C CUCCAAU 8713 UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC 27087 6646 4389 CCGCCGUU C CUCCAAU 8713 UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC 27087 6659 4371 AUCACAC UGUCAAU 8715 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC 27097 6669 4381 CGUUCACU C ACCACA 8713 UGGAUGAG CCGUUAGGC CGAA AAUGAGAC 27099 6659 4371 AUCACAC UGUCAAU 8715 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AUUAGAG 27099 6661 4399 CCCCGUUAGG CACACAC 8718 GCGAGGA CUGAUGAG GCCGUUAGGC	6574	4456	AUCAUCAU C AAGCCGCA	8695	UGCGGCUU CUGAUGAG GCCGUUAGGC CGAA AUGAUGAU 27	7071
4437 UCAACUCU U UCGCUCGA 8698 UCGAGCGA CUGAUGAG GCCGUUAGGC CGAA AGAGUUGA 27074	6586	4444	CCGCACAU C AACUCUUU	8696	AAAGAGUU CUGAUGAG GCCGUUAGGC CGAA AUGUGCGG 27	7072
6594 4436	6591	4439	CAUCAACU C UUUCGCUC	8697	GAGCGAAA CUGAUGAG GCCGUUAGGC CGAA AGUUGAUG 27	7073
6595 4435 AACUCUUU C GCUCGAGC 8700 GCUCGAGC CUGAUGAG GCCGUUAGGC CGAA AAAGAGUU 27076 6599 4431 CUUUCGCU C GAGCCUGU 8701 ACAGGCUC CUGAUGAG GCCGUUAGGC CGAA AAAGAGU 27077 6608 4422 GAGCCUGU A AUUUCUGC 8702 GCAGAAAU CUGAUGAG GCCGUUAGGC CGAA ACAGCCUC 27078 6611 4419 CCUGUAAU U UCUGCAUC 8703 GAUGCAGA CUGAUGAG GCCGUUAGGC CGAA ACAGCCUC 27079 6612 4418 CUGUAAUU U CUGCAUCA 8704 UGAUGAG CUGAUGAG GCCGUUAGGC CGAA AUUACAGG 27079 6613 4417 UGUAAUUU C UGCAUCAC 8705 GUGAUGAG CUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27081 6613 4417 UUCUGCAU C ACUUUCCC 8705 GUGAUGAG CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27081 6624 4410 GCAUCACU U UCCCAGGA 8707 UCCUGGGA CUGAUGAG GCCGUUAGGC CGAA AAUUACAC 27081 6625 4407 GCAUCACU U UCCCAGGA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAUUACA 27081 6624 4406 CAUCACUU U CCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAUUACA 27081 6625 4405 AUCACUUU C CCAGGAAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAUUACA 27081 6626 4406 AUCACCUU U CCCAGGAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAUUACA 27081 6627 4493 GGAAAUGU C CCCCGUUC 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA AAUUACC 27086 6644 4386 UCCGCCGU U CUCCAAU 8711 AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACGUCACU 27086 6647 4383 GCCGUUCU C UCCAAUCA 8713 UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACGCGGA 27087 6649 4381 CGUUCUCU C CACAUAUCA 8713 UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACGCGGGA 27087 6649 4381 CGUUCUCU C AAUCCCA 8713 UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACGCGGG 27089 6649 4381 CGUUCUCU C AUCCAAUA 8714 UGUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ACGACGG 27089 6653 4377 CUCUCAAU C CACAUAUC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AUGAGGA COCGGUAGGC CGAA AUGAGGA COCGGUUAGGC CGAA AUGAGGA COCGGUAGGA CACGGGA 27091 6659 4361 AUGCCGGGU U CUCCAAUC 8714 UGUGGGA CUGAUGAG GCCGUUAGGC CGAA AUGAGGA COCGGUAGGA CACGGGGA 27091 6659 4361 AUCACAUA UCUGAUGA 8715 GAUAUGAG CUGAUGAG GCCGUUAGGC CGAA AUGACGA 27091 6669 4360 UGUUCUCU C AAUCCCA 8714 UGUGGGA CUGAUGAG GCCGUUAGGC CGAA AUGAGAG 27091 6669 4361 CUGUGAGAU C CACAUAUC CACAUAU	6593	4437	UCAACUCU U UCGCUCGA	8698	UCGAGCGA CUGAUGAG GCCGUUAGGC CGAA AGAGUUGA 27	7074
6599 4431 CUUUCGCU C GAGCCUGU 8701 ACAGGCUC CUGAUGAG GCCGUUAGGC CGAA AGCGAAGG 27077 6608 4422 GAGCCUGI A AUUUCUGC 8702 GCAGAAAU CUGAUGAG GCCGUUAGGC CGAA ACAGGCUC 27078 6611 4419 CCUGUAAU U UCUGCAUCA 8703 GAUGCAGA CUGAUGAG GCCGUUAGGC CGAA AUUACAGG 27079 6612 4418 CUGUAAUU U CUGCAUCA 8704 UGAUGAG CUGAUGAG GCCGUUAGGC CGAA AUUACAGG 27079 6613 4417 UGUAAUUU C UGCAUCAC 8705 GUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27080 6613 4417 UUCUGCAU C ACUUUCCC 8706 GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27081 6619 4411 UUCUGCAU C ACUUUCCC 8706 GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AAUUACAA 27082 6623 4407 GCAUCACU U UCCCAGGAA 8707 UCCUGGGG CUGAUGAG GCCGUUAGGC CGAA AAUGAGAA 27082 6624 4406 CAUCACUU U CCCAGGAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUGA 27083 6624 4406 CAUCACUU U CCCAGGAA 8709 UUUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAU 27083 6625 4405 AUCACUUU C CCAGGAAA 8709 UUUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAU 27085 6637 4393 GGAAAUGU C CGCCGUUC 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA AACUUUCC 27086 6644 4386 UCCGCCGU C UCUCAAUC 8711 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA ACGGCGC 27089 6649 4385 CCGCCGUU C UCUCAAUC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACGGCGG 27087 6649 4381 CGUUCUCU C AAUCCACA 8713 UGGAUGAG GCCGUUAGGC CGAA AACGGCGG 27087 6659 4371 AUCCACAU A UCUGUUGA 8715 GAUAUGAG GCCGUUAGGC CGAA AACGGCGG 27089 6659 4371 AUCCACAU A UCUGUUGA 8715 GAUAUGAG GCCGUUAGGC CGAA AACGGCG 27090 6659 4371 AUCCACAU A UCUGUUGA 8715 GAUAUGAG GCCGUUAGGC CGAA AUGAGGC 27099 6659 4361 CUGUUGUC C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AACGGCG 27099 6659 4361 CUGUUGAU U UCCCAGAA 8714 UGUGGAU GUGAUGAG GCCGUUAGGC CGAA AUGAGGC 27099 6650 4361 CUGUUGAU U UCCCAGAA 8714 UGUGGAUG GCCGUUAGGC CGAA AUGAGGC 27099 6661 4365 CAGAUAU C UGUUGAU 8715 GAUAUGAG GCCGUUAGGC CGAA AUGAGC 27099 6666 4361 CUGUUGAU U UCCCAGAA 8716 UGUGGGG CUGAUGAG GCCGUUAGGC CGAA AUGACCA 27099 6669 4361 CUGUUGAU U UCCCAGAA 8718 GCGGGGG CUGAUGAG GCCGUUAGGC CGAA AUGACCA 27096 6670 4360 UGUUGAUU C CCCAGAAU 8729 GCUUAGGC CGAA AUGACGC CGAA AUGACCA 27096 6671 4350 UGUUGAU U UCCCAGAA 87	6594	4436	CAACUCUU U CGCUCGAG	8699	CUCGAGCG CUGAUGAG GCCGUUAGGC CGAA AAGAGUUG 27	7075
6608 4422 GAGCCUGU A AUUUCUGC 8702 GCAGAAAU CUGAUGAG GCCGUUAGGC CGAA ACAGGCUC 27078 6611 4419 CCUGUAAU U UCUGCAUC 8704 GAUGAGC CUGAUGAG GCCGUUAGGC CGAA AUUACAGG 27079 6612 4418 CUGUAAUU U CUGCAUCA 8704 UGAUGAG CUGAUGAG GCCGUUAGGC CGAA AUUACAGG 27080 6613 4417 UGUAAUUU C UGCAUCAC 8705 GUGAUGAC CUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27080 6614 4411 UUCUGCAU C ACUUUCCC 8706 GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27081 6619 4411 UUCUGCAU C ACUUUCCC 8706 GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AUGCAGAA 27082 6624 4407 GCAUCACU U UCCCAGGAA 8707 UCCUGGGC CUGAUGAG GCCGUUAGGC CGAA AUGCAGAA 27082 6624 4406 CAUCACUU U CCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAGA 27082 6625 4405 AUCACUU C CCAGGAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG 27084 6626 4405 AUCACUU C CCAGGAAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAU 27085 6637 4393 GGAAAUGU C GCCGUUC 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA ACAUUCC 27086 6644 4386 CCGCCGCGU C CUCUCAAU 8711 AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACGGCGG 27087 6645 4385 CCGCCGUU C UCUCAAUC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACGGCGG 27087 6647 4383 GCCGUUCU C UCAAUCCA 8713 UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACGGCGG 27089 6649 4381 CGUUCCUU C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACAGGCGC 27089 6653 4377 CUCUCAAU C UCAAUCCA 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AGACGGC 27099 6654 4355 AUAUCUCU C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AGACGGC 27091 6655 4371 AUCCACAU A UCUGUUGA 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AGACGGC 27091 6656 4356 CCACAUAUC C GACAUAUC 8718 GGGAAUC CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6657 4350 CCCCCUUAAU C UGUUGAUU 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6659 4361 CUGUCAAU C UGAUGAU 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGAGA 27094 6669 4361 CUGUGAUU C CACAUGAC 8718 GGGAAUC CUGAUGAG GCCGUUAGGC CGAA AUUGAGA 27094 6669 4361 CUGUGAUU C CACAUGAC 8718 GGGAAUC CUGAUGAG GCCGUUAGGC CGAA AUUGACA 27096 6670 4360 UGUUGAUU C CCAGAAAU 8720 UUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUUGACA 27096 6671 4350 CCCGCGAA AUCCACA 8720 CCCGGAAACACCUCA	6595	4435	AACUCUUU C GCUCGAGC	8700	GCUCGAGC CUGAUGAG GCCGUUAGGC CGAA AAAGAGUU 27	7076
6611 4419 CCUGUAAU U UCUGCAUC 8703 GAUGCAGA CUGAUGAG GCCGUUAGGC CGAA AUUACAGG 27079 6612 4418 CUGUAAUU U CUGCAUCA 8704 UGAUGCAG CUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27080 6613 4417 UGUAAUUU C UGCAUCAC 8705 GUGAUGCA CUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27080 6619 4411 UUCUGCAU C ACUUJUCCC 8706 GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AAUUACAA 27081 6629 4410 GCAUCACU U UCCCAGGA 8707 UCCUGGG CUGAUGAG GCCGUUAGGC CGAA AGUGCAGAA 27082 6623 4407 GCAUCACU U UCCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AGUGAGAA 27082 6624 4406 CAUCACUU U CCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AGUGAUG 27083 6625 4405 AUCACUU U CCCAGGAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AGUGAUG 27085 6637 4393 GGAAAUGU C CCAGGAAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAU 27086 6644 4386 UCCGCCGU U CUCUCAAU 8711 AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC 27086 6644 4386 UCCGCCGU U CUCUCAAUC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC 27086 6647 4381 CCGUCUCU C UCAAUCCA 8713 UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACAGCGCG 27087 6649 4381 CCGUCUCU C AAUCCACA 8713 UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACAGCGC 27089 6649 4381 CCGUCUCU C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AGAGACGC 27089 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AGAGAACGC 27089 6664 4386 CCGUUCUU U CAAUCCAC 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AGAGAACG 27090 6659 4371 AUCCACAU A UCUGUUGA 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AGAGAACG 27091 6659 4371 AUCCACAU A UCUGUUGA 8716 GAAAGGA CUGAUGAG GCCGUUAGGC CGAA AGAGAACG 27091 6650 4361 CUGUUGAUU U CACACAA 8714 UGUGGA CUGAUGAG GCCGUUAGGC CGAA AUAUGUG 27093 6664 4365 CCGCGUUAGGC CGAA AUAUGGG CCGAA AGAGAACG CCGAA AGAGAACG CCGAAACG CCGAAACACACG CCGAAACG CCGAAACG CCGAAACG CCGAAACG CCGAAACG CCGAAACG CCGAAACACACCACG CCGAAACG CCCGAAACACCAC CCGAAACCACCACACACA	6599	4431	CUUUCGCU C GAGCCUGU	8701	ACAGGCUC CUGAUGAG GCCGUUAGGC CGAA AGCGAAAG 27	7077
6612 4418 CUGUANUU U CUGCAUCA 8704 UGAUGAG CUGAUGAG CCGUUAGGC CGAA AAUUACAG 27080 6613 4417 UGUANUUU C UGCAUCAC 8705 GUGAUGCA CUGAUGAG GCCGUUAGGC CGAA AAUUACAA 27081 6619 4411 UUCUGCAU C ACUUUCCC 8706 GGGAAGU CUGAUGAG GCCGUUAGGC CGAA AAUUACAA 27082 6623 4407 GCAUCACU U UCCCAGGA 8707 UCCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGUGAGAA 27082 6623 4407 GCAUCACU U UCCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AGUGAGAA 27082 6624 4406 CAUCACUU U CCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AGUGAUGC 27083 6624 4406 CAUCACUU U CCCAGGAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG 27084 6625 4405 AUCACUUU C CCAGGAAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG 27085 6637 4393 GGAAAGU C CGCCGUUC 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA ACAUUCC 27086 6644 4386 UCCGCCGUU C UCUCAAU 8711 AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUUCC 27086 6647 4385 CCGCCGUU C UCUCAAUC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACAGGCGG 27088 6649 4381 CCGUCUCU C UACAUCCA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACAGACGC 27089 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA ACAGACGC 27090 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA ACAGAACG 27090 6659 4371 AUCCACAU A UCUGUUGAU 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6659 4371 AUCCACAU A UCUGUUGAU 8716 GAACACA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 66661 4369 CCACUAUU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27092 66661 4369 CCACUAUU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27093 6665 4365 AUAUCUGU U GAUGAU 8718 GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27093 6666 4365 AUAUCUGU U GAUGAUGAG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27095 6660 4360 UGUUGAUU U GAUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27095 6660 4360 UGUUGAUU U GAUGAGA 8719 UUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUUGAGA 27095 6660 4360 UGUUGAU U GAUGAGA CUGAUGAG GCCGUUAGGC CGAA AUUGAGA 27095 6660 4360 UGUUGAUU U GAAUGAG 8720 UUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUUGAGA 27096 6671 4360 UGUUGAU U GCAGAAAU 8721 UUCUGG CUGAUGAG GCCGUUAGGC CGAA AUUGACA 27096 6671 4360 UG	6608	4422	GAGCCUGU A AUUUCUGC	8702	GCAGAAAU CUGAUGAG GCCGUUAGGC CGAA ACAGGCUC 27	7078
6613 4417 UGUAAUUU C UGCAUCAC 8705 GUGAUGAG CUGAUGAG GCCGUUAGGC CGAA AAAUUACA 27081 6619 4411 UUCUGCAU C ACUUUCCC 8706 GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AUGCAGAA 27082 6623 4407 GCAUCACU U UCCCAGGA 8707 UCCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUGCAGAA 27082 6624 4406 CAUCACUU U CCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG 27083 6624 4405 AUCACUU U CCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC 27084 6625 4405 AUCACUU U CCCAGGAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAU 27085 6637 4393 GGAAAUGU C CGCGGUUC 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC 27086 6644 4386 UCCGCCGU U CUCCAAU 8711 AUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC 27086 6645 4385 CCGCCGUU C UCUCAAU 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC 27088 6647 4383 GCCGUUCU C UCAAUCCA 8713 UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA AACGGCGG 27088 6649 4381 CGGUCUCU C UCAAUCCA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AAGAGACG 27090 6653 4377 CUCUCAAU C 8715 GAUUAUGA CUGAUGAG GCCGUUAGGC CGAA AGAGAACG 27090 6659 4371 AUCCACAU A UCUGUUGA 8716 UCAACAGA CUGAUGAG GCCGUUAGGC CGAA AUGUGAGA C7091 6659 4371 AUCCACAU A UCUGUUGA 8716 GUAACAGA CUGAUGAG GCCGUUAGGC CGAA AUGUGAGA 27091 6661 4369 CCACAUAU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUGUGAGA 27092 6661 4369 CCACAUAU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUGUGAGA 27092 6661 4369 CCACAUAU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUGUGAGA 27095 6660 4361 CUGUUGAU U GCCAGAAA 8718 GUCAACAGA CUGAUGAG GCCGUUAGGC CGAA AUAUGAGA 27095 6660 4361 CUGUUGAU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUACACA 27096 6670 4360 UGUUGAUU C CCCAGAAAU 8721 AUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27096 6671 4359 GUGAUUU C CCAGAAAU 8721 AUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27096 6671 4359 GUGAUUU C CCAGAAAU 8721 AUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27096 6671 4359 GUGAUGAU C AGGAAACC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27096 6671 4359 GUGAUGAU C AGGAAAC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AUCACAC 27096 6671 4359 GUGAUGAU C AGGAAAC 8722 GCUUCCAUGAG GCCGUUAGG	6611	4419	CCUGUAAU U UCUGCAUC	8703	GAUGCAGA CUGAUGAG GCCGUUAGGC CGAA AUUACAGG 27	7079
6619 4411 UUCUGCAU C ACUUUCCC 8706 GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AUGCAGAA 27082 6623 4407 GCAUCACU U UCCCAGGAA 8707 UCCUGGGG CUGAUGAG GCCGUUAGGC CGAA AGUGAUG 27083 6624 4406 CAUCACUU U CCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AGUGAUG 27084 6625 4405 AUCACUU C CCAGGAAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC 27085 6637 4393 GGAAAUGU C CGCCGUUC 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA AACUUUCC 27086 6644 4386 UCCGCCGU U CUCUCAAUC 8711 AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACGCGGG 27087 6645 4385 CCGCCGUU C UCCAAUCC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACGGCGG 27088 6647 4383 GCCGUUCU C UCAAUCCA 8711 UGGAGAG CUGAUGAG GCCGUUAGGC CGAA ACGGCGG 27088 6649 4381 CCGUCCUC C CAAUCCA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AACGGCGG 27089 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGG CUGAUGAG GCCGUUAGGC CGAA AGAGACG 27090 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGGG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6659 4371 AUCCACAU A UCUGUUGAU 8715 GAUAUGGG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6661 4369 CCACAUAU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27093 6666 4365 AUAUCUGU U GAUUUCCC 8718 GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27093 6667 4360 UGUUGAUU U CCCCAGAAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUAUGAGA 27095 6670 4360 UGUUGAUU U CCCCAGAAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUAUGAGA 27095 6670 4360 UGUUGAUU U CCCCAGAAA 8720 UUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUACACA 27095 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUACACA 27096 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27097 6680 4350 CCAGAAAU C ACGAAAGC 8722 GCUUUCGG CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27097 6670 4360 UGUUGAUU U GCACAGAA 8720 UUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27097 6671 4359 GUUGAUUU C CCAGAAAC 8722 GCUUUCGG CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27097 6739 4291 GUCAAUGU C AUGGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27097 6739 4291 GUCAAUGU C AUGGCAA 8728 GCCAUCC CUGAUGAG GCCGUUAGGC CGAA AUCACC 27100 6739 4291 GUCAAUGU C AUGCCAC 8728 GCCAUCC CUGAU	6612	4418	CUGUAAUU U CUGCAUCA	8704	UGAUGCAG CUGAUGAG GCCGUUAGGC CGAA AAUUACAG 27	7080
6623 4407 GCAUCACU U UCCCAGGA 8707 UCCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGUGAUGC 27083 6624 4406 CAUCACUU U CCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG 27084 6624 4405 AUCACUUU C CCAGGAAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAU 27085 6637 4393 GGAAAUGU C CGCCGUU 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA ACGGCGG 27086 6644 4386 UCCGCGCU U CUCCAAUC 8711 AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACGGCGG 27087 6645 4385 CCGCCGUU C UCCAAUCC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AACGGCGG 27089 6649 4381 CGUUCUCU C AAUCCCA 8713 UGGAUUAGA GCCGUUAGGC CGAA AGAGAAC 27099 6653 4377 CUCUCAAU C CCACAUAU 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUGGAGA 27091 6654 4369 CCACCAUAU C UGUUGAU 8716 UCAACAGA CUGAUGAG	6613	4417	UGUAAUUU C UGCAUCAC	8705	GUGAUGCA CUGAUGAG GCCGUUAGGC CGAA AAAUUACA 27	7081
6624 4406 CAUCACUU U CCCAGGAA 8708 UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG 27085 6625 4405 AUCACUUU C CCAGGAAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGUGAU 27085 6637 4393 GGAAAUGU C CGCCGUUC 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC 27086 6644 4386 UCCGCCGU U CUCUCAAU 8711 AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC 27086 6645 4385 CCGCCGUU C UCUCAAUC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACAGGCGG 27087 6646 4381 GCCGUUCU C UCAAUCCA 8713 UGGAUGAG CUGAUGAG GCCGUUAGGC CGAA AACAGCGC 27089 6649 4381 CGUUCUCU C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AGAGCAGC 27089 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AGAGCAGC 27090 6653 4371 AUCCACAU A UCUGUUGA 8716 UCAACGA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6654 4369 CCACAUAU C UGUUGAU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27092 6666 4366 AUAUCUGU U GAUUGAU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27093 6666 4366 AUAUCUGU U GAUUGAU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27092 6660 4361 CUGUUGAU U UCCCAGAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUAUGUGG 27093 6669 4361 CUGUUGAU U UCCCAGAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUAUGUGG 27095 6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUACACAG 27096 6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUCAACAC 27096 6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27096 6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27096 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUCACAC 27097 6670 4320 CCCGCGAU A GUCAUUGG 8722 GCUUUCCU CUGAUGAG GCCGUUAGGC CGAA AUCACAC 27097 6671 4329 GUUGAUGU C AUGGAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AUCACAC 27097 6710 4320 CCCGCGAU A GUCAUUGG 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUCACAC 27097 6711 4329 GUUGAUGU C AUGGAAGC 8722 GCUUCCC CUGAUGAG GCCGUUAGGC CGAA AUCACAC 27109 6712 4344 AUAGUCAU C AGGCUCG 8728 GCGUUGAGC CGAA AUGACGAC CGAA ACCAUUGAC 27100 6739 4291 GUCAAGGU C AAGCUCUG 8727 CAGAGCUU CUGA	6619	4411	UUCUGCAU C ACUUUCCC	8706	GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AUGCAGAA 27	7082
6625 4405 AUCACUUU C CCAGGAAA 8709 UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGUGAU 27085 6637 4393 GGAAAUGU C CGCCGUUC 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC 27086 6644 4386 UCCGCCGU U CUCUCAAU 8711 AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACGCCGGA 27087 6645 4385 CCGCCGUU C UCUCAAUC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACGCCGGA 27087 6646 4388 GCCGUUCU C UCAAUCCA 8713 UGGAUUGA CUGAUGAG GCCGUUAGGC CGAA ACGGCGGA 27089 6649 4381 CGUUCUCU C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACGGCAG 27089 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA ACGGCAG 27099 6653 4371 AUCCACAU A UCUGUUGA 8716 UCAACAGA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6659 4371 AUCCACAU A UCUGUUGA 8716 UCAACAGA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27092 6661 4369 CCACAUAU C UGUUGAU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27093 6665 4365 AUAUCUGU U GAUUCCC 8718 GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA AUUGUGGAU 27092 6666 4366 OUGUUGAU U UCCCCAGAAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUUGUGG 27093 66670 4360 UGUUGAUU U CCCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUCAACAG 27095 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6671 4350 CCAGAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6671 4350 CCAGAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6671 4350 UGUAGAUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6671 4350 CCAGAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6710 4320 CCCGCGAU A GUCAUUGG 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6711 4314 AUAGUCAU C GAGAAGC 8725 GCCAUUCC UGAUGAG GCCGUUAGGC CGAA AUUCACA 27109 6716 4314 AUAGUCAU C GAGACGC 8728 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA AAUCACA 27109 6716 4314 AUAGUCAU C AUGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 27100 6716 4314 AUAGUCAU C AUGUCAA 8726 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 27100 6716 4314 AUAGUCAU C AAGCUCUG 8728 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 27100 6716 4314 AUAGUCAU C AAGCUCUG 8726 GC	6623	4407	GCAUCACU U UCCCAGGA	8707	<u> </u>	7083
6637 4393 GGAAAUGU C CGCCGUUC 8710 GAACGGCG CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC 27086 6644 4386 UCCGCCGU U CUCUCAAU 8711 AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACGGCGGA 27087 6645 4385 CCGCCGUU C UCAAUCCA 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AACGGCG 27088 6647 4383 GCCGUUCU C UCAAUCCA 8713 UGGAUUGA CUGAUGAG GCCGUUAGGC CGAA AGAACGGC 27089 6649 4381 CGUUCUCU C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AGAACGGC 27090 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6661 4369 CCACAUAU C UGUUGAUU 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27092 6661 4369 CCACAUAU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUGUGGA 27093 6669 4361 CUGUUGAU U UCCCAGAA 8718 GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA AUACACAC 27096 6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUCACAC 27096 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AUCACAC 27096	6624	4406	CAUCACUU U CCCAGGAA	8708	UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG 27	7084
6644 4386 UCCGCCGU U CUCUCAAU 8711 AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACGGCGGA 27087 6645 4385 CCGCCGUU C UCUCAAUC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AACGGCGG 27088 6647 4383 GCCGUUCU C UCAAUCCA 8713 UGGAUUGA CUGAUGAG GCCGUUAGGC CGAA AACGGCGC 27089 6649 4381 CGUUCUCU C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AGACAACG 27090 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6659 4371 AUCCACAU A UCUGUUGA 8716 UCAACAGA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6661 4369 CCACAUAU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27093 6665 4365 AUAUCUGU U GAUTUCCC 8718 GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA AUCAACAG 27094 6669 4361 CUGUUGAU U UCCCAGAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUCAACAG 27095 6670 4360 UGUUGAUU U CCCAGAAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUCAACAG 27096 6671 4359 GUUGAUUU C CCAGAAAU 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUCAACAA 27096 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27097 6680 4350 CCACAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6710 4320 CCCGCGAU A GUCAUGG 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUUCACC 27097 6680 4351 CCAAAAUC C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AUUCACC 27097 6680 4352 CCAGAAUU C ACGAAAGC 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUUCACC 27097 6713 4317 GCGAUAGU C AUUGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 27100 6714 AUAGUCAU U GGAAUGGC 8725 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 27101 6733 4297 CAUGAGGU C AAUGUCAA 8726 UUGACAUU CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 27102 6739 4291 GUCAAUGU C AAGCUCG 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 27102 6734 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCG CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 27102 6734 4297 CAUGAGGU C AAGCUCG 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 27102 6734 4297 CAUGAGGU C AAGCUCG 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA ACUUGAC 27105	6625	4405	AUCACUUU C CCAGGAAA	8709	UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGUGAU 27	7085
6645 4385 CCGCCGUU C UCUCAAUC 8712 GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AACGGCGG 27088 6647 4383 GCCGUUCU C UCAAUCCA 8713 UGGAUUGA CUGAUGAG GCCGUUAGGC CGAA AGAACGGC 27089 6649 4381 CGUUCUCU C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AGAACACG 27090 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUGAACAG 27091 6659 4371 AUCCACAU A UCUGUUGA 8716 UCAACAGA CUGAUGAG GCCGUUAGGC CGAA AUGAGAAC 27092 6661 4369 CCACAUAU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUGUGGAU 27093 6665 4365 AUAUCUGU U GAUUUCCC 8718 GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA AUAUGUGG 27093 6669 4361 CUGUUGAU U UCCCAGAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUCAACAG 27095 6670 4360 UGUUGAUU U CCCAGAAA 8729 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUCAACAG 27096 6671 4359 GUUGAUUU C CCAGAAAU 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUCAACAG 27096 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6670 4360 UGUUGAUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6671 4359 GUUGAUUU C CCAGAAAU 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6671 4350 CCAGCAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27097 6680 4350 CCAGCAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27098 6710 4320 CCCGCGAU A GUCAUUGG 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUCACCA 27099 6713 4317 GCGAUAGU C AUGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACCAUCGC 27100 6713 4297 CAUGGAGU C AUGGAAU 8725 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA ACCAUCGC 27101 6733 4297 CAUGGAGU C AUGUCAA 8726 UUGACCAU CUGAUGAG GCCGUUAGGC CGAA ACAUUGAC 27102 6739 4291 GUCAAUGU C AAGCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACAUUGAC 27102 6734 4285 GUCAAGCU C UGCAGCC 8728 GGCUGGC CUGAUGAG CCGUUAGGC CGAA ACAUUGAC 27102 6734 4295 GCCACCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA ACAUUGAC 27106 6756 4274 CCAGCCCU C CGACGACC 8728 GGCUGGC CUGAUGAG GCCGUUAGGC CGAA ACAUUGAC 27106 6756 4274 CCAGCCCU C CGACGACC 8730 GCCGUUAGGC CGAA ACAUUGAC 27106	6637	4393	GGAAAUGU C CGCCGUUC	8710		7086
6647 4383 GCCGUUCU C UCAAUCCA 8713 UGGAUUGA CUGAUGAG GCCGUUAGGC CGAA AGAACGC 27089 6649 4381 CGUUCUCU C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AGAGAACG 27090 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6659 4371 AUCCACAU A UCUGUUGA 8716 UCAACAGA CUGAUGAG GCCGUUAGGC CGAA AUUGUGGAU 27092 6661 4369 CCACAUAU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUAUGUGG 27093 6665 4365 AUAUCUGU U GAUUUCCC 8718 GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA AUACACAG 27094 6669 4361 CUGUUGAU U UCCCAGAA 8719 UUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUACACA 27095 6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAUCAAC 27096 6671 4359 GUUGAUUA 8721 AUUUCUGU CUGAUGAG GCCGUUAGGC CGAA AAUCAAC 27097 6680 4350 CCCAGAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AUUCCAGG CCGAA AUUCCAGG CCGAA AUGACCUAGGC CAA AUGACUACC	6644	4386		8711		7087
6649 4381 CGUUCUC C AAUCCACA 8714 UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AGAGAACG 27090 6653 4377 CUCUCAAU C CACAUAUC 8715 GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG 27091 6659 4371 AUCCACAU A UCUGUUGA 8716 UCAACAGA CUGAUGAG GCCGUUAGGC CGAA AUGUGGU 27092 6661 4369 CCACAUAU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUAUGUGG 27093 6665 4365 AUAUCUGU U GAUUUCCC 8718 GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA ACAGAUAU 27094 6669 4361 CUGUUGAU U UCCCAGAA 8719 UUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUCAACA 27095 6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGU CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27097 6680 4350 CCAGAAAU 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AUUCUCGG 27098 6710 4320 CCCGCGAU A GU					<u> </u>	7088
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6661 4369 CCACAUAU C UGUUGAUU 8717 AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUAUGUGG 27093 6665 4365 AUAUCUGU U GAUUUCCC 8718 GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA ACAGAUAU 27094 6669 4361 CUGUUGAU U UCCCAGAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUCAACAG 27095 6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUCAACAA 27096 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27097 6680 4350 CCAGAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AUUUCUGG 27098 6710 4320 CCCGCGAU A GUCAUUGG 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUUUCUGG 27099 6713 4317 GCGAUAGU C AUUGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACUAUCGC 27100 6716 4314 AUAGUCAU U GGAAUGGC 8725 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA AUGACUAU 27101 6733 4297 CAUGGAGU C AAUGUCAA 8726 UUGACAUU CUGAUGAG GCCGUUAGGC CGAA AUGACUAU 27102 6739 4291 GUCAAUGU C AACCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27103 6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ACUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA ACGUUGAC 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA ACGUUGAC 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106					<u> </u>	
6665 4365 AUAUCUGU U GAUUUCCC 8718 GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA ACAGAUAU 27094 6669 4361 CUGUUGAU U UCCCAGAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUCAACAG 27095 6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27097 6680 4350 CCAGAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AAUCACA 27097 6710 4320 CCCGCGAU A GUCAUUGG 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUUUCUGG 27098 6711 4317 GCGAUAGU C AUUGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACUAUCGC 27100 6716 4314 AUAGUCAU U GGAAUGGC 8725 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA AUGACUAU 27101 6733 4297 CAUGGAGU C AAUGUCAA 8726 UUGACAUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27102 6739 4291 GUCAAUGU C AAGCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27103 6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ACUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGCUUGAC 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AGGCUGG 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106						
6669 4361 CUGUUGAU U UCCCAGAA 8719 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUCAACAG 27095 6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27097 6680 4350 CCAGAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AAUCACAC 27097 6710 4320 CCCGCGAU A GUCAUUGG 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUUUCUGG 27098 6711 4317 GCGAUAGU C AUUGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACUAUCGC 27100 6716 4314 AUAGUCAU U GGAAUGGC 8725 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA ACUAUCGC 27101 6733 4297 CAUGGAGU C AAUGUCAA 8726 UUGACAUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27102 6739 4291 GUCAAUGU C AAGCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27103 6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ACUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGCUGGC 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AGGCUGG 27105					+	
6670 4360 UGUUGAUU U CCCAGAAA 8720 UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27096 6671 4359 GUUGAUUU C CCAGAAAU 8721 AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA 27097 6680 4350 CCAGAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AUUUCUGG 27098 6710 4320 CCCGCGAU A GUCAUUGG 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUUUCUGG 27099 6713 4317 GCGAUAGU C AUUGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACUAUCGC 27100 6716 4314 AUAGUCAU U GGAAUGGC 8725 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA AUGACUAU 27101 6733 4297 CAUGGAGU C AAUGUCAA 8726 UUGACAUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27102 6739 4291 GUCAAUGU C AAGCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27103 6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ACUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGCUUGAC 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106						
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6680 4350 CCAGAAAU C ACGAAAGC 8722 GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AUUUCUGG 27098 6710 4320 CCCGCGAU A GUCAUUGG 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUCGCCGG 27099 6713 4317 GCGAUAGU C AUUGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACUAUCGC 27100 6716 4314 AUAGUCAU U GGAAUGGC 8725 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA AUGACUAU 27101 6733 4297 CAUGGAGU C AAUGUCAA 8726 UUGACAUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27102 6739 4291 GUCAAUGU C AAGCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACAUUGAC 27103 6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA AGCUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGCUGG 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AGGCUGG 27106						
6710 4320 CCCGCGAU A GUCAUUGG 8723 CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUCGCGGG 27099 6713 4317 GCGAUAGU C AUUGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACUAUCGC 27100 6716 4314 AUAGUCAU U GGAAUGGC 8725 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA AUGACUAU 27101 6733 4297 CAUGGAGU C AAUGUCAA 8726 UUGACAUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27102 6739 4291 GUCAAUGU C AAGCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACAUUGAC 27103 6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ACCUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGGCUGG 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106						
6713 4317 GCGAUAGU C AUUGGAAU 8724 AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACUAUCGC 27100 6716 4314 AUAGUCAU U GGAAUGGC 8725 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA AUGACUAU 27101 6733 4297 CAUGGAGU C AAUGUCAA 8726 UUGACAUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27102 6739 4291 GUCAAUGU C AAGCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27103 6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ACUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGCUGG 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106						——
6716 4314 AUAGUCAU U GGAAUGGC 8725 GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA AUGACUAU 27101 6733 4297 CAUGGAGU C AAUGUCAA 8726 UUGACAUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27102 6739 4291 GUCAAUGU C AAGCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27103 6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ACCUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGCUGG 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106						
6733 4297 CAUGGAGU C AAUGUCAA 8726 UUGACAUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG 27102 6739 4291 GUCAAUGU C AAGCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACAUUGAC 27103 6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA AGCUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGCUGG 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106	<u> </u>				·	
6739 4291 GUCAAUGU C AAGCUCUG 8727 CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACAUUGAC 27103 6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA AGCUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGCUGG 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106						
6745 4285 GUCAAGCU C UGCCAGCC 8728 GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA AGCUUGAC 27104 6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGUUGAC 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106						
6756 4274 CCAGCCCU C CGACGAUG 8729 CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGGCUGG 27105 6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106						
6773 4257 GCAAACAU U AGGCCGAC 8730 GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC 27106						
07/1 4250 CAMACAUU A GGCCGACA 8731 UGUCGGCC CUGAUGAG GCCGUUAGGC CGAA AAUGUUUG 27107					<u> </u>	
	6//4	4256	CAAACAUU A GGCCGACA	8/31	UGUCGGCC CUGAUGAG GCCGUUAGGC CGAA AAUGUUUG 27	7107

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6788	4242	ACAGCUGU C AUCACUUC	8732	GAAGUGAU CUGAUGAG GCCGUUAGGC CGAA ACAGCUGU 2710
6791	4239	GCUGUCAU C ACUUCAGU	8733	ACUGAAGU CUGAUGAG GCCGUUAGGC CGAA AUGACAGC 2710
6795	4235	UCAUCACU U CAGUUGCG	8734	CGCAACUG CUGAUGAG GCCGUUAGGC CGAA AGUGAUGA 2711
6796	4234	CAUCACUU C AGUUGCGG	8735	CCGCAACU CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG 2711
6800	4230	ACUUCAGU U GCGGGCCA	8736	UGGCCCGC CUGAUGAG GCCGUUAGGC CGAA ACUGAAGU 2711
6810	4220	CGGGCCAU C CGCGUUUA	8737	UAAACGCG CUGAUGAG GCCGUUAGGC CGAA AUGGCCCG 2711
6816	4214	AUCCGCGU U UACGGUUG	8738	CAACCGUA CUGAUGAG GCCGUUAGGC CGAA ACGCGGAU 2711
6817	4213	UCCGCGUU U ACGGUUGG	8739	CCAACCGU CUGAUGAG GCCGUUAGGC CGAA AACGCGGA 2711
6818	4212	CCGCGUUU A CGGUUGGG	8740	CCCAACCG CUGAUGAG GCCGUUAGGC CGAA AAACGCGG 2711
6823	4207	UUUACGGU U GGGAUCAC	8741	
6829	4201	GUUGGGAU C ACAUGCAA	8742	
\		CAUGCAAU C AGUCCAGC	8743	· · · · · · · · · · · · · · · · · · ·
6839	4191			GCUGGACU CUGAUGAG GCCGUUAGGC CGAA AUUGCAUG 271
6843	4187	CAAUCAGU C CAGCAGCA	8744	UGCUGCUG CUGAUGAG GCCGUUAGGC CGAA ACUGAUUG 2712
6857	4173	GCAAGGAU C AUGGGGUU	8745	AACCCCAU CUGAUGAG GCCGUUAGGC CGAA AUCCUUGC 2712
6865	4165	CAUGGGGU U GAAAAGUC	8746	GACUUUUC CUGAUGAG GCCGUUAGGC CGAA ACCCCAUG 2712
6873	4157	UGAAAAGU C CUGUUGAG	8747	CUCAACAG CUGAUGAG GCCGUUAGGC CGAA ACUUUUCA 2712
6878	4152	AGUCCUGU U GAGGCUAG	8748	CUAGCCUC CUGAUGAG GCCGUUAGGC CGAA ACAGGACU 2712
6885	4145	UUGAGGCU A GAGCCAAG	8749	CUUGGCUC CUGAUGAG GCCGUUAGGC CGAA AGCCUCAA 2712
6897	4133	CCAAGCAU A GCAGACUU	8750	AAGUCUGC CUGAUGAG GCCGUUAGGC CGAA AUGCUUGG 2712
6905	4125	AGCAGACU U GCUCCUUU	8751	AAAGGAGC CUGAUGAG GCCGUUAGGC CGAA AGUCUGCU 2712
6909	4121	GACUUGCU C CUUUCUUU	8752	AAAGAAAG CUGAUGAG GCCGUUAGGC CGAA AGCAAGUC 2712
6912	4118	DOGCOCCO O OCUUDUO	8753	AAAAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGCAA 2712
6913	4117	necncenn n command	8754	CAAAAAG CUGAUGAG GCCGUUAGGC CGAA AAGGAGCA 2713
6914	4116	GCUCCUUU C UUUUUUGC	8755	GCAAAAAA CUGAUGAG GCCGUUAGGC CGAA AAAGGAGC 2713
6916	4114	UCCUUUCU U UUUUGCAG	8756	CUGCAAAA CUGAUGAG GCCGUUAGGC CGAA AGAAAGGA 2713
6917	4113	CCUUUCUU U UUUGCAGC	8757	GCUGCAAA CUGAUGAG GCCGUUAGGC CGAA AAGAAAGG 2713
6918	4112	CUUUCUUU U UUGCAGCU	8758	AGCUGCAA CUGAUGAG GCCGUUAGGC CGAA AAAGAAAG 2713
6919	4111	UUUCUUUU U UGCAGCUG	8759	CAGCUGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGAAA 2713
6920	4110	UUCUUUUU U GCAGCUGC	8760	GCAGCUGC CUGAUGAG GCCGUUAGGC CGAA AAAAAGAA 2713
6932	4098	GCUGCACU C CUCUUCUC	8761	GAGAAGAG CUGAUGAG GCCGUUAGGC CGAA AGUGCAGC 2713
6935	4095	GCACUCCU C UUCUCCCU	8762	AGGGAGAA CUGAUGAG GCCGUUAGGC CGAA AGGAGUGC 2713
6937	4093	ACUCCUCU U CUCCCUGA	8763	UCAGGGAG CUGAUGAG GCCGUUAGGC CGAA AGAGGAGU 2713
6938	4092	CUCCUCUU C UCCCUGAU	8764	AUCAGGGA CUGAUGAG GCCGUUAGGC CGAA AAGAGGAG 2714
6940	4090	CCUCUUCU C CCUGAUCA	8765	UGAUCAGG CUGAUGAG GCCGUUAGGC CGAA AGAAGAGG 2714
6947	4083	UCCCUGAU C AAGCUGCC	8766	GGCAGCUU CUGAUGAG GCCGUUAGGC CGAA AUCAGGGA 2714
6957	4073	AGCUGCCU A UUCCGACC	8767	GGUCGGAA CUGAUGAG GCCGUUAGGC CGAA AGGCAGCU 2714
6959	4071	CUGCCUAU U CCGACCAU	8768	AUGGUCGG CUGAUGAG GCCGUUAGGC CGAA AUAGGCAG 2714
6960	4070	UGCCUAUU C CGACCAUC	8769	GAUGGUCG CUGAUGAG GCCGUUAGGC CGAA AAUAGGCA 2714
6968	4062	CCGACCAU C AACAGCAG	8770	CUGCUGUU CUGAUGAG GCCGUUAGGC CGAA AUGGUCGG 2714
6978	4052	ACAGCAGU A UCCUGUAC	8771	GUACAGGA CUGAUGAG GCCGUUAGGC CGAA ACUGCUGU 2714
6980	4050	AGCAGUAU C CUGUACAC	8772	GUGUACAG CUGAUGAG GCCGUUAGGC CGAA AUACUGCU 2714
6985	4045	UAUCCUGU A CACAUCCA	8773	UGGAUGUG CUGAUGAG GCCGUUAGGC CGAA ACAGGAUA 2714
6991	4039	GUACACAU C CAGAUUCA	8774	UGAAUCUG CUGAUGAG GCCGUUAGGC CGAA AUGUGUAC 2715
6997	4033	AUCCAGAU U CAAGCAUC	8775	GAUGCUUG CUGAUGAG GCCGUUAGGC CGAA AUCUGGAU 2715
6998	4033	UCCAGAUU C AAGCAUCU	8776	AGAUGCUU CUGAUGAG GCCGUUAGGC CGAA AUCUGGA 2715
7005	4025	UCAAGCAU C UCAGCCCG	8777	CGGGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGCUUGA 2715
7007	4023	AAGCAUCU C AGCCCGGG	8778	CCCGGGCU CUGAUGAG GCCGUUAGGC CGAA AGAUGCUU 2715
7019	4011	CCGGGUGU U AGCAGGGC	8779	
7020	4010	CGGGUGUU A GCAGGGCU	8780	
7029	4001	GCAGGGCU A GCAGCGGA		
7048	3982	AACCACGU U UGAUGUCG	8781	
7049	3981		8782	CGACAUCA CUGAUGAG GCCGUUAGGC CGAA ACGUGGUU 2715
7049		ACCACGUU U GAUGUCGU	8783	ACGACAUC CUGAUGAG GCCGUUAGGC CGAA AACGUGGU 2715
	3975	UUUGAUGU C GUUGUGAA	8784	UUCACAAC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAA 2716
7058	3972	GAUGUCGU U GUGAAUGU	8785	ACAUUCAC CUGAUGAG GCCGUUAGGC CGAA ACGACAUC 2716
7067	3963	GUGAAUGU U AUGGCUCU	8786	AGAGCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUUCAC 2716
7068	3962	UGAAUGUU A UGGCUCUC	8787	GAGAGCCA CUGAUGAG GCCGUUAGGC CGAA AACAUUCA 2716
7074	3956	UUAUGGCU C UCAGUAUC	8788	GAUACUGA CUGAUGAG GCCGUUAGGC CGAA AGCCAUAA 2716
7076	3954	AUGGCUCU C AGUAUCAU	8789	AUGAUACU CUGAUGAG GCCGUUAGGC CGAA AGAGCCAU 2716
7080	3950	CUCUCAGU A UCAUCCAA	8790	UUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAG 2716
7082	3948	CUCAGUAU C AUCCAAGC	8791	GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUACUGAG 2716
7085	3945	AGUAUCAU C CAAGCUAC	8792	GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 2716
7092	3938	UCCAAGCU A CCGCCAGU	8793	ACUGGCGG CUGAUGAG GCCGUUAGGC CGAA AGCUUGGA 2716

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7105	3925	CAGUGAAU U CAACACAU	8794	AUGUGUUG CUGAUGAG GCCGUUAGGC CGAA AUUCACUG	27170
7106	3924	AGUGAAUU C AACACAUC	8795	GAUGUGUU CUGAUGAG GCCGUUAGGC CGAA AAUUCACU	27171
7114	3916	CAACACAU C AGGGAUCU	8796	AGAUCCCU CUGAUGAG GCCGUUAGGC CGAA AUGUGUUG	27172
7121	3909	UCAGGGAU C UCCCAGAG	8797	CUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUCCCUGA	27173
7123	3907	AGGGAUCU C CCAGAGCA	8798	UGCUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUCCCU	27174
7136	3894	AGCAGAAU U UGGCGGGC	8799	GCCCGCCA CUGAUGAG GCCGUUAGGC CGAA AUUCUGCU	27175
7137	3893	GCAGAAUU U GGCGGGCA	8800	UGCCCGCC CUGAUGAG GCCGUUAGGC CGAA AAUUCUGC	27176
7147	3883	GCGGGCAU C GUGAUAAG	8801	CUUAUCAC CUGAUGAG GCCGUUAGGC CGAA AUGCCCGC	27177
7153	3877	AUCGUGAU A AGCCAUUU	8802	AAAUGGCU CUGAUGAG GCCGUUAGGC CGAA AUCACGAU	27178
7160	3870	UAAGCCAU U UGAAAGAA	8803	UUCUUUCA CUGAUGAG GCCGUUAGGC CGAA AUGGCUUA	27179
7161	3869	AAGCCAUU U GAAAGAAA	8804	UUUCUUUC CUGAUGAG GCCGUUAGGC CGAA AAUGGCUU	27180
7184	3846	GCCAACAU C AACAAAAU	8805	AUUUUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUUGGC	27181
7195	3835	CAAAAUGU U CUCCUGGU	8806	ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ACAUUUUG	27182
7196	3834	AAAAUGUU C UCCUGGUU	8807	AACCAGGA CUGAUGAG GCCGUUAGGC CGAA AACAUUUU	27183
7198	3832	AAUGUUCU C CUGGUUGG	8808	CCAACCAG CUGAUGAG GCCGUUAGGC CGAA AGAACAUU	27184
7204	3826	CUCCUGGU U GGUCCAUC	8809	GAUGGACC CUGAUGAG GCCGUUAGGC CGAA ACCAGGAG	27185
7208	3822	UGGUUGGU C CAUCUCGC	8810	GCGAGAUG CUGAUGAG GCCGUUAGGC CGAA ACCAACCA	27186
7212	3818	UGGUCCAU C UCGCUUUG	8811	CAAAGCGA CUGAUGAG GCCGUUAGGC CGAA AUGGACCA	27187
7214	3816	GUCCAUCU C GCUUUGAG	8812	CUCAAAGC CUGAUGAG GCCGUUAGGC CGAA AGAUGGAC	27188
7218	3812	AUCUCGCU U UGAGAAAC	8813	GUUUCUCA CUGAUGAG GCCGUUAGGC CGAA AGCGAGAU	27189
7219	3811	UCUCGCUU U GAGAAACG	8814	CGUUUCUC CUGAUGAG GCCGUUAGGC CGAA AAGCGAGA	27190
7238	3792	GCCACCAU A AACACUGG	8815	CCAGUGUU CUGAUGAG GCCGUUAGGC CGAA AUGGUGGC	27191
7248	3782	ACACUGGU U GUAUCUUG	8816	CAAGAUAC CUGAUGAG GCCGUUAGGC CGAA ACCAGUGU	27192
7251	3779	CUGGUUGU A UCUUGAAG	8817	CUUCAAGA CUGAUGAG GCCGUUAGGC CGAA ACAACCAG	27193
7253	3777	GGUUGUAU C UUGAAGGU	8818	ACCUUCAA CUGAUGAG GCCGUUAGGC CGAA AUACAACC	27194
7255	3775	UUGUAUCU U GAAGGUCG	8819	CGACCUUC CUGAUGAG GCCGUUAGGC CGAA AGAUACAA	27195
7262	376B	UUGAAGGU C GCCAUGAG	8820	CUCAUGGC CUGAUGAG GCCGUUAGGC CGAA ACCUUCAA	27196
7281	3749	CCAAGUGU A CCACGUCU	8821	AGACGUGG CUGAUGAG GCCGUUAGGC CGAA ACACUUGG	27197
7288	3742	UACCACGU C UCCUCCCG	8822	CGGGAGGA CUGAUGAG GCCGUUAGGC CGAA ACGUGGUA	27198
7290	3740	CCACGUCU C CUCCCGAA	8823	UUCGGGAG CUGAUGAG GCCGUUAGGC CGAA AGACGUGG	27199
7293	3737	CGUCUCCU C CCGAAUUA	8824	UAAUUCGG CUGAUGAG GCCGUUAGGC CGAA AGGAGACG	27200
7300	3730	UCCCGAAU U AGAUUCUG	8825	CAGAAUCU CUGAUGAG GCCGUUAGGC CGAA AUUCGGGA	27201
7301	3729	CCCGAAUU A GAUUCUGC	8826	GCAGAAUC CUGAUGAG GCCGUUAGGC CGAA AAUUCGGG	27202
7305	3725	AAUUAGAU U CUGCGAAA	8827	UUUCGCAG CUGAUGAG GCCGUUAGGC CGAA AUCUAAUU	27203
7306	3724	AUUAGAUU C UGCGAAAG	8828	CUUUCGCA CUGAUGAG GCCGUUAGGC CGAA AAUCUAAU	27204
7336	3694	GAUGACAU A GCGUAACA	8829	UGUUACGC CUGAUGAG GCCGUUAGGC CGAA AUGUCAUC	27205
7341	3689	CAUAGCGU A ACACAUCA	8830	UGAUGUGU CUGAUGAG GCCGUUAGGC CGAA ACGCUAUG	27206
7348	3682	UAACACAU C AGUGUAAG	8831	CUUACACU CUGAUGAG GCCGUUAGGC CGAA AUGUGUUA	27207
7354	3676	AUCAGUGU A AGUAAUGC	8832	GCAUUACU CUGAUGAG GCCGUUAGGC CGAA ACACUGAU	27208
7358	3672	GUGUAAGU A AUGCCCCC	8833	GGGGGCAU CUGAUGAG GCCGUUAGGC CGAA ACUUACAC	27209
7380	3650	CCAGGACU A GCAGAGCA	8834	UGCUCUGC CUGAUGAG GCCGUUAGGC CGAA AGUCCUGG	27210
7391	3639	AGAGCAAU C AGUAUAGC	8835		27211
7395	3635	CAAUCAGU A UAGCUGGC	8836	GCCAGCUA CUGAUGAG GCCGUUAGGC CGAA ACUGAUUG	27212
7397	3633	AUCAGUAU A GCUGGCAU	8837	AUGCCAGC CUGAUGAG GCCGUUAGGC CGAA AUACUGAU	27213
7412	3618	AUGCUGAU C UUGGCUGU	8838	ACAGCCAA CUGAUGAG GCCGUUAGGC CGAA AUCAGCAU	27214
7414	3616	GCUGAUCU U GGCUGUCC	8839 8840	GGACAGCC CUGAUGAG GCCGUUAGGC CGAA AGAUCAGC	27215
7427	3609 3603	GUCCACCU C UUGCGAAG		AAGAGGUG CUGAUGAG GCCGUUAGGC CGAA ACAGCCAA	27216
7429	3603	CCACCUCU U GCGAAGGA	8841	CUUCGCAA CUGAUGAG GCCGUUAGGC CGAA AGGUGGAC	27217
7441	3589	AAGGACCU C CUGGGUGG	8842 8843	UCCUUCGC CUGAUGAG GCCGUUAGGC CGAA AGAGGUGG	27218
7486	3544	AAAAGGGU C AAUCAUAU	8844		27219
7490	3540	GGGUCAAU C AUAUCAGC	8845		27220
7493	3537	UCAAUCAU A UCAGCAUU	8846		27221
7495	3535	AAUCAUAU C AGCAUUAU	8847		27222
7501	3529	AUCAGCAU U AUAAGCAU	8848		27223 27224
7502	3528	UCAGCAUU A UAAGCAUU	8849		
7504	3526	AGCAUUAU A AGCAUUCA	8850		27225
7510	3520	AUAAGCAU U CACUUGUG	8851		27226
7511	3519	UAAGCAUU C ACUUGUGA	8852		27227
7515	3515	CAUUCACU U GUGACUGC	8853		27228
7532	3498	ACGAGGGU C UUUUCAUC	8854		27230
7534	3496	GAGGGUCU U UUCAUCAU	8855		27231
			5555	ביים ביים ביים ביים ביים ביים ביים ביים	21231

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7535	3495	AGGGUCUU U UCAUCAUG	8856		232
7536	3494	GGGUCUUU U CAUCAUGU	8857		233
7537	3493	GGUCUUUU C AUCAUGUC	8858	GACAUGAU CUGAUGAG GCCGUUAGGC CGAA AAAAGACC 272	
		CUUUUCAU C AUGUCUCU	8859		
7540	3490				235
7545	3485	CAUCAUGU C UCUGUGGU	8860	<u> </u>	236
7547	3483	UCAUGUCU C UGUGGUCU	8861		237
7554	3476	UCUGUGGU C UGAUCUCC	8862	GGAGAUCA CUGAUGAG GCCGUUAGGC CGAA ACCACAGA 272	
7559	3471	GGUCUGAU C UCCAUACC	8863	GGUAUGGA CUGAUGAG GCCGUUAGGC CGAA AUCAGACC 272	239
7561	3469	UCUGAUCU C CAUACCAU	8864	AUGGUAUG CUGAUGAG GCCGUUAGGC CGAA AGAUCAGA 272	240
7565	3465	AUCUCCAU A CCAUACCA	8865	UGGUAUGG CUGAUGAG GCCGUUAGGC CGAA AUGGAGAU 272	241
7570	3460	CAUACCAU A CCAACAGC	8866	GCUGUUGG CUGAUGAG GCCGUUAGGC CGAA AUGGUAUG 272	242
7585	3445	GCCGCUGU C AGUUUGGU	8867	ACCAAACU CUGAUGAG GCCGUUAGGC CGAA ACAGCGGC 272	243
7589	3441	CUGUCAGU U UGGUAGCG	8868	CGCUACCA CUGAUGAG GCCGUUAGGC CGAA ACUGACAG 272	244
7590	3440	UGUCAGUU U GGUAGCGC	8869	GCGCUACC CUGAUGAG GCCGUUAGGC CGAA AACUGACA 272	245
7594	3436	AGUUUGGU A GCGCAGUG	8870	CACUGCGC CUGAUGAG GCCGUUAGGC CGAA ACCAAACU 272	246
7608	3422	GUGGUGGU A AGGUGCAG	8871		247
7619	3411	GUGCAGCU C CUGCAGCA	8872		248
7633	3397	GCACCAAU C UGUUAUCA	8873		249
7637	3393	CAAUCUGU U AUCAACUU	8874		250
7638	3393	AAUCUGUU A UCAACUUU	8875		
	 	<u></u>			251
7640	3390	UCUGUUAU C AACUUUCC	8876		252
7645	3385	UAUCAACU U UCCGCUCU	8877	·	253
7646	3384	AUCAACUU U CCGCUCUC	8878		254
7647	3383	UCAACUUU C CGCUCUCU	8879		255
7652	3378	UUUCCGCU C UCUGUGGU	8880	ACCACAGA CUGAUGAG GCCGUUAGGC CGAA AGCGGAAA 272	256
7654	3376	UCCGCUCU C UGUGGUGG	8881	CCACCACA CUGAUGAG GCCGUUAGGC CGAA AGAGCGGA 272	257
7677	3353	UGGCAGGU C CACGGUGU	8882	ACACCGUG CUGAUGAG GCCGUUAGGC CGAA ACCUGCCA 272	258
7686	3344	CACGGUGU C CGCAGCUC	8883	GAGCUGCG CUGAUGAG GCCGUUAGGC CGAA ACACCGUG 272	259
7694	3336	CCGCAGCU C UCACUCAG	8884	CUGAGUGA CUGAUGAG GCCGUUAGGC CGAA AGCUGCGG 272	260
7696	3334	GCAGCUCU C ACUCAGGG	8885	CCCUGAGU CUGAUGAG GCCGUUAGGC CGAA AGAGCUGC 272	261
7700	3330	CUCUCACU C AGGGUGAC	8886	GUCACCCU CUGAUGAG GCCGUUAGGC CGAA AGUGAGAG 272	262
7712	3318	GUGACCGU A GUUCCUGG	8887		263
7715	3315	ACCGUAGU U CCUGGGCA	8888		264
7716	3314	CCGUAGUU C CUGGGCAG	8889		265
7726	3304	UGGGCAGU A AUCGAAGU	8890		266
7729	3301	GCAGUAAU C GAAGUCAA	8891		267
7735	3295	AUCGAAGU C AAUCUCUA	8892		
					
7739	3291	AAGUCAAU C UCUACCCG	8893		269
7741	3289	GUCAAUCU C UACCCGGC	8894	· · · · · · · · · · · · · · · · · · ·	270
7743	3287	CAAUCUCU A CCCGGCCU	8895		271
7752	3278	CCCGGCCU U CGUCCCAU	8896	AUGGGACG CUGAUGAG GCCGUUAGGC CGAA AGGCCGGG 272	
7753		CCGGCCUU C GUCCCAUG	8897	· · · · · · · · · · · · · · · · · · ·	273
7756	3274	GCCUUCGU C CCAUGGGC	8898		274
7771	3259	GCCCUGGU U UUGUGUCU	8899	AGACACAA CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 272	275
7772	3258	CCCUGGUU U UGUGUCUU	8900	AAGACACA CUGAUGAG GCCGUUAGGC CGAA AACCAGGG 272	276
7773	3257	CCUGGUUU U GUGUCUUG	8901	CAAGACAC CUGAUGAG GCCGUUAGGC CGAA AAACCAGG 272	277
7778	3252	UUUUGUGU C UUGUACCC	8902	GGGUACAA CUGAUGAG GCCGUUAGGC CGAA ACACAAAA 272	278
7780	3250	UUGUGUCU U GUACCCAG	8903	CUGGGUAC CUGAUGAG GCCGUUAGGC CGAA AGACACAA 272	279
7783	3247	UGUCUUGU A CCCAGGUC	8904		280
7791	3239	ACCCAGGU C UCCGAUUG	8905	CAAUCGGA CUGAUGAG GCCGUUAGGC CGAA ACCUGGGU 272	
7793	3237	CCAGGUCU C CGAUUGUG	8906	CACAAUCG CUGAUGAG GCCGUUAGGC CGAA AGACCUGG 272	$\overline{}$
7798	3232	UCUCCGAU U GUGAUUGC	8907		283
7804	3226	AUUGUGAU U GCUUCGUG	8908		$\overline{}$
7808	3222	UGAUUGCU U CGUGGUCC	8909		$\overline{}$
7809	3222	GAUUGCUU C GUGGUCCC		GGACCACG CUGAUGAG GCCGUUAGGC CGAA AGCAAUCA 272	
			8910		286
7815	3215	UUCGUGGU C CCGCCAGU	8911		287
7833	3197	UGACUGGU A UUAUCAAG	8912	CUUGAUAA CUGAUGAG GCCGUUAGGC CGAA ACCAGUCA 272	_
7835	3195	ACUGGUAU U AUCAAGUC	8913	GACUUGAU CUGAUGAG GCCGUUAGGC CGAA AUACCAGU 272	
7836	3194	CUGGUAUU A UCAAGUCA	8914	UGACUUGA CUGAUGAG GCCGUUAGGC CGAA AAUACCAG 272	290
7838	3192	GGUAUUAU C AAGUCACU	8915	AGUGACUU CUGAUGAG GCCGUUAGGC CGAA AUAAUACC 272	291
7843	3187	UAUCAAGU C ACUCUCAA	8916	UUGAGAGU CUGAUGAG GCCGUUAGGC CGAA ACUUGAUA 272	292
7847	3183	AAGUCACU C UCAAGGAU	8917	AUCCUUGA CUGAUGAG GCCGUUAGGC CGAA AGUGACUU 272	293

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7849	3181	GUCACUCU C AAGGAUUC	8918		27294
7856	3174	UCAAGGAU U CCAUCGCC	8919		27295
		CAAGGAUU C CAUCGCCC	8920		27296
7857	3173	GAUUCCAU C GCCCCACA	8921		27297
7861	3169				
7874	3156	CACAAGGU A UGCGUCUC	8922		27298
7880	3150	GUAUGCGU C UCAGGCCA	8923		27299
7882	3148	AUGCGUCU C AGGCCACG	8924		27300
7892	3138	GGCCACGU A CAUGAUUU	8925		27301
7899	3131	UACAUGAU U UGACUUCA	8926	UGAAGUCA CUGAUGAG GCCGUUAGGC CGAA AUCAUGUA 2	27302
7900	3130	ACAUGAUU U GACUUCAC	8927	GUGAAGUC CUGAUGAG GCCGUUAGGC CGAA AAUCAUGU 2	27303
7905	3125	AUUUGACU U CACCCAGA	8928	UCUGGGUG CUGAUGAG GCCGUUAGGC CGAA AGUCAAAU 2	27304
7906	3124	UUUGACUU C ACCCAGAA	8929	UUCUGGGU CUGAUGAG GCCGUUAGGC CGAA AAGUCAAA 2	27305
7922	3108	ACUGCCCU U UCAAGCUU	8930	AAGCUUGA CUGAUGAG GCCGUUAGGC CGAA AGGGCAGU 2	27306
7923	3107	CUGCCCUU U CAAGCUUC	8931	GAAGCUUG CUGAUGAG GCCGUUAGGC CGAA AAGGGCAG 2	27307
7924	3106	UGCCCUUU C AAGCUUCC	8932	<u> </u>	27308
7930	3100	UUCAAGCU U CCACGUAU	8933		27309
7931	3099	UCAAGCUU C CACGUAUC	8934		27310
					27311
7937	3093	UUCCACGU A UCAUUGAG	8935		
7939	3091	CCACGUAU C AUUGAGCC	8936	<u> </u>	27312
7942	3088	CGUAUCAU U GAGCCUGC	8937		27313
7952	3078	AGCCUGCU U UCAAUCCA	8938		27314
7953	3077	GCCUGCUU U CAAUCCAA	8939		27315
7954	3076	CCUGCUUU C AAUCCAAU	8940	AUUGGAUU CUGAUGAG GCCGUUAGGC CGAA AAAGCAGG 2	27316
7958	3072	CUUUCAAU C CAAUAGGA	8941	UCCUAUUG CUGAUGAG GCCGUUAGGC CGAA AUUGAAAG 2	27317
7963	3067	AAUCCAAU A GGACAGGU	8942	ACCUGUCC CUGAUGAG GCCGUUAGGC CGAA AUUGGAUU 2	27318
7972	3058	GGACAGGU C ACUGUGGA	8943	UCCACAGU CUGAUGAG GCCGUUAGGC CGAA ACCUGUCC 2	27319
7982	3048	CUGUGGAU C GCCAAGUU	8944	AACUUGGC CUGAUGAG GCCGUUAGGC CGAA AUCCACAG 2	27320
7990	3040	CGCCAAGU U GUUCUUGA	8945	UCAAGAAC CUGAUGAG GCCGUUAGGC CGAA ACUUGGCG 2	27321
7993	3037	CAAGUUGU U CUUGACAG	8946	CUGUCAAG CUGAUGAG GCCGUUAGGC CGAA ACAACUUG 2	27322
7994	3036	AAGUUGUU C UUGACAGC	8947	GCUGUCAA CUGAUGAG GCCGUUAGGC CGAA AACAACUU 2	27323
7996	3034	GUUGUUCU U GACAGCCG	8948		27324
8006	3024	ACAGCCGU U CCAAUGAU	8949		27325
		CAGCCGUU C CAAUGAUC	8950		27326
8007	3023	CCAAUGAU C UUCGAGUC	8951		27327
8015	3015				
8017	3013	AAUGAUCU U CGAGUCAC	8952		27328
8018	3012	AUGAUCUU C GAGUCACA	8953	<u> </u>	27329
8023	3007	CUUCGAGU C ACAUUCAG	8954	<u> </u>	27330
8028	3002	AGUCACAU U CAGUUGUG	8955		27331
8029	3001	GUCACAUU C AGUUGUGU	8956		27332
8033	2997	CAUUCAGU U GUGUUGCU	8957	AGCAACAC CUGAUGAG GCCGUUAGGC CGAA ACUGAAUG 2	27333
8038	2992	AGUUGUGU U GCUCUCUC	8958	GAGAGAGC CUGAUGAG GCCGUUAGGC CGAA ACACAACU 2	27334
8042	2988	GUGUUGCU C UCUCUGAC	8959	GUCAGAGA CUGAUGAG GCCGUUAGGC CGAA AGCAACAC 2	27335
8044	2986	GUUGCUCU C UCUGACCU	8960	AGGUCAGA CUGAUGAG GCCGUUAGGC CGAA AGAGCAAC 2	27336
8046	2984	UGCUCUCU C UGACCUUC	8961	GAAGGUCA CUGAUGAG GCCGUUAGGC CGAA AGAGAGCA 2	27337
8053	2977	UCUGACCU U CAGGAACA	8962	<u> </u>	27338
8054	2976	CUGACCUU C AGGAACAU	8963		27339
8063	2967	AGGAACAU C CGAGUGCU	8964		27340
8085	2945	GACCAAAU C CAAAAUCC	8965		27341
8092	2938	UCCAAAAU C CUCCACUU	8966		27342
8095	2935	AAAAUCCU C CACUUCUA	8967	<u> </u>	27343
		CCUCCACU U CUAAGCUA			
8100	2930		8968	<u> </u>	27344
8101	2929	CUCCACUU C UAAGCUAU	8969		27345
8103	2927	CCACUUCU A AGCUAUUC	8970		27346
8108	2922	UCUAAGCU A UUCCAAGC	8971		27347
8110	2920	UAAGCUAU U CCAAGCGC	8972		27348
8111	2919	AAGCUAUU C CAAGCGCG	8973	CGCGCUUG CUGAUGAG GCCGUUAGGC CGAA AAUAGCUU 2	27349
8122	2908	AGCGCGAU U CUGAGUCG	8974	CGACUCAG CUGAUGAG GCCGUUAGGC CGAA AUCGCGCU 2	27350
8123	2907	GCGCGAUU C UGAGUCGG	8975	CCGACUCA CUGAUGAG GCCGUUAGGC CGAA AAUCGCGC 2	27351
8129	2901	UUCUGAGU C GGACAUUC	8976		27352
8136	2894	UCGGACAU U CCUUGGUC	8977		27353
8137	2893	CGGACAUU C CUUGGUCU	8978		27354
8140	2890	ACAUUCCU U GGUCUCCG	8979		27355

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8144	2886	UCCUUGGU C UCCGGACC	8980	GGUCCGGA CUGAUGAG GCCGUUAGGC CGAA ACCAAGGA 27356
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8155	2875	CGGACCAU C AACCACAA	8982	UUGUGGUU CUGAUGAG GCCGUUAGGC CGAA AUGGUCCG 27358
8170	2860	AAAGGUGU U GUUGGCGA	8983	UCGCCAAC CUGAUGAG GCCGUUAGGC CGAA ACACCUUU 27359
8173	2857	GGUGUUGU U GGCGAGUU	8984	AACUCGCC CUGAUGAG GCCGUUAGGC CGAA ACAACACC 27360
8181	2849	UGGCGAGU U CUGGUGCA	8985	UGCACCAG CUGAUGAG GCCGUUAGGC CGAA ACUCGCCA 27361
8182	2848	GGCGAGUU C UGGUGCAA	8986	UUGCACCA CUGAUGAG GCCGUUAGGC CGAA AACUCGCC 27362
8193	2837	GUGCAAAU A AAAUACUC	8987	GAGUAUUU CUGAUGAG GCCGUUAGGC CGAA AUUUGCAC 27363
8198	2832	AAUAAAAU A CUCUUUCC	8988	GGAAAGAG CUGAUGAG GCCGUUAGGC CGAA AUUUUAUU 27364
8201	2829	AAAAUACU C UUUCCCCA	8989	UGGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGUAUUUU 27365
8203	2827	AAUACUCU U UCCCCAGG	8990	CCUGGGGA CUGAUGAG GCCGUUAGGC CGAA AGAGUAUU 27366
8204	2826	AUACUCUU U CCCCAGGC	8991	GCCUGGGG CUGAUGAG GCCGUUAGGC CGAA AAGAGUAU 27367
8205	2825	UACUCUUU C CCCAGGCC	8992	GGCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAAGAGUA 27368
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8216	2814	CAGGCCUU C CAGCCAAU	8994	AUUGGCUG CUGAUGAG GCCGUUAGGC CGAA AAGGCCUG 27370
8225	2805	CAGCCAAU U UCCAAUUU	8995	AAAUUGGA CUGAUGAG GCCGUUAGGC CGAA AUUGGCUG 27371
8226	2804	AGCCAAUU U CCAAUUUU	8996	AAAAUUGG CUGAUGAG GCCGUUAGGC CGAA AAUUGGCU 27372
8227	2803	GCCAAUUU C CAAUUUUU	8997	AAAAAUUG CUGAUGAG GCCGUUAGGC CGAA AAAUUGGC 27373
8232	2798	UUUCCAAU U UUUCCGUG	8998	CACGGAAA CUGAUGAG GCCGUUAGGC CGAA AUUGGAAA 27374
8233	2797	UUCCAAUU U UUCCGUGG	8999	CCACGGAA CUGAUGAG GCCGUUAGGC CGAA AAUUGGAA 27375
8234	2796	UCCAAUUU U UCCGUGGU	9000	ACCACGGA CUGAUGAG GCCGUUAGGC CGAA AAAUUGGA 27376
8235	2795	CCAAUUUU U CCGUGGUG	9001	CACCACGG CUGAUGAG GCCGUUAGGC CGAA AAAAUUGG 27377
8236	2794	CAAUUUUU C CGUGGUGG	9002	CCACCACG CUGAUGAG GCCGUUAGGC CGAA AAAAAUUG 27378
8256	2774	UGAGGCGU U UAGGUGCU	9003	AGCACCUA CUGAUGAG GCCGUUAGGC CGAA ACGCCUCA 27379
8257	2773	GAGGCGUU U AGGUGCUG	9004	CAGCACCU CUGAUGAG GCCGUUAGGC CGAA AACGCCUC 27380
8258	2772	AGGCGUUU A GGUGCUGA	9005	UCAGCACC CUGAUGAG GCCGUUAGGC CGAA AAACGCCU 27381
8269	2761	UGCUGACU U GUACAUUC	9006	GAAUGUAC CUGAUGAG GCCGUUAGGC CGAA AGUCAGCA 27382
8272	2758	UGACUUGU A CAUUCCCU	9007	AGGGAAUG CUGAUGAG GCCGUUAGGC CGAA ACAAGUCA 27383
8276	2754	UUGUACAU U CCCUCCUG	9008	CAGGAGGG CUGAUGAG GCCGUUAGGC CGAA AUGUACAA 27384
8277	2753	UGUACAUU C CCUCCUGU	9009	ACAGGAGG CUGAUGAG GCCGUUAGGC CGAA AAUGUACA 27385
8281	2749	CAUUCCCU C CUGUUUCU	9010	AGAAACAG CUGAUGAG GCCGUUAGGC CGAA AGGGAAUG 27386
8286	2744	CCUCCUGU U UCUCAACC	9011	GGUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACAGGAGG 27387
8287	2743	CUCCUGUU U CUCAACCA	9012	UGGUUGAG CUGAUGAG GCCGUUAGGC CGAA AACAGGAG 27388
8288	2742	UCCUGUUU C UCAACCAC	9013	GUGGUUGA CUGAUGAG GCCGUUAGGC CGAA AAACAGGA 27389
8290	2740	CUGUUUCU C AACCACGA	9014	UCGUGGUU CUGAUGAG GCCGUUAGGC CGAA AGAAACAG 27390
8303	2727	ACGACACU A AGGUCCAC	9015	GUGGACCU CUGAUGAG GCCGUUAGGC CGAA AGUGUCGU 27391 AUGGUGUG CUGAUGAG GCCGUUAGGC CGAA ACCUUAGU 27392
8308	2722	ACUAAGGU C CACACCAU CACACCAU U CUCCUUCA	9016	AUGGUGUG CUGAUGAG GCCGUUAGGC CGAA ACCUUAGU 27392 UGAAGGAG CUGAUGAG GCCGUUAGGC CGAA AUGGUGUG 27393
8317	2713	ACACCAUU C UCCUUCAA	9017	UUGAAGGA CUGAUGAG GCCGUUAGGC CGAA AAUGGUGU 27393
8318	2712	ACCAUUCU C CUUCAAAA	9019	UUUUGAAG CUGAUGAG GCCGUUAGGC CGAA AGAAUGGU 27394
		AUUCUCCU U CAAAAGAG	9020	CUCUUUUG CUGAUGAG GCCGUUAGGC CGAA AGGAGAAU 27396
8323	2707	UUCUCCUU C AAAAGAGU	9021	ACUCUUUU CUGAUGAG GCCGUUAGGC CGAA AAGGAGAA 27397
8335	2695	AAGAGUGU U CAGCUCGU	9022	ACGAGCUG CUGAUGAG GCCGUUAGGC CGAA ACACUCUU 27398
8336	2694	AGAGUGUU C AGCUCGUC	9023	GACGAGCU CUGAUGAG GCCGUUAGGC CGAA AACACUCU 27399
8341	2689	GUUCAGCU C GUCCUUCA	9024	UGAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGCUGAAC 27400
8344	2686	CAGCUCGU C CUUCACUG	9025	CAGUGAAG CUGAUGAG GCCGUUAGGC CGAA ACGAGCUG 27401
8347	2683	CUCGUCCU U CACUGCUU	9026	AAGCAGUG CUGAUGAG GCCGUUAGGC CGAA AGGACGAG 27402
8348	2682	UCGUCCUU C ACUGCUUC	9027	GAAGCAGU CUGAUGAG GCCGUUAGGC CGAA AAGGACGA 27403
8355	2675	UCACUGCU U CCCACAUU	9028	AAUGUGGG CUGAUGAG GCCGUUAGGC CGAA AGCAGUGA 27404
8356	2674	CACUGCUU C CCACAUUU	9029	AAAUGUGG CUGAUGAG GCCGUUAGGC CGAA AAGCAGUG 27405
8363	2667	UCCCACAU U UGAUGCUC	9030	GAGCAUCA CUGAUGAG GCCGUUAGGC CGAA AUGUGGGA 27406
8364	2666	CCCACAUU U GAUGCUCC	9031	GGAGCAUC CUGAUGAG GCCGUUAGGC CGAA AAUGUGGG 27407
8371	2659	UUGAUGCU C CAGUCUGG	9032	CCAGACUG CUGAUGAG GCCGUUAGGC CGAA AGCAUCAA 27408
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8388	2642	AAACUGAU C GUAGACCG	9034	CGGUCUAC CUGAUGAG GCCGUUAGGC CGAA AUCAGUUU 27410
8391	2639	CUGAUCGU A GACCGCAC	9035	GUGCGGUC CUGAUGAG GCCGUUAGGC CGAA ACGAUCAG 27411
8403	2627	CGCACACU C CUUCCUUA	9036	UAAGGAAG CUGAUGAG GCCGUUAGGC CGAA AGUGUGCG 27412
8406	2624	ACACUCCU U CCUUAUGA	9037	UCAUAAGG CUGAUGAG GCCGUUAGGC CGAA AGGAGUGU 27413
8407	2623	CACUCCUU C CUUAUGAG	9038	CUCAUAAG CUGAUGAG GCCGUUAGGC CGAA AAGGAGUG 27414
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8411	2619	CCUUCCUU A UGAGCUUU	9040	AAAGCIICA CUGAUGAG GCCGIIIIAGGC CGAA AAGGAAGG 27416

AAAGCUCA CUGAUGAG GCCGUUAGGC CGAA AAGGAAGG

CAUUCAGA CUGAUGAG GCCGUUAGGC CGAA AGCUCAUA

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8410 2610				Tab	le VIII	
8421 2599 ANGRIGAU C UUGGCUAG 9045 CORGOCC CUUJAUGAG COSTULAGG CORA ADRICULT 27421 8436 2594 CUUJGGCU D GOGUAGO 9045 CORGOCC CUUJAUGAG COSTULAGG CORA ADRICULT 27421 8436 2598 CUUJGGCU U GOGGGUU 9046 ACAGGCC CUUJAUGAG COSTULAGG CORA ADRICULT 27421 8436 2598 CUUJGGCU U GOGGGUU 9046 ACAGGCC CUUJAUGAG COSTULAGG CORA ADRICULT 27421 8436 2598 CUUJGGCU U UCAGGGUA 9048 UACCCUCA CUUJAUGAG COSTULAGG CORA ADRICULT 27421 8435 2597 GUUGAGGUU U CAGGGUAA 9049 UACCCUCA CUUJAUGAG COSTULAGG CORA ADRICULT 27421 8435 2597 UUGAGGUA A DIACOUUGU 9051 ACAGGAG CUUJAUGAG COSTULAGG CORA ADRICULT 27428 8435 2597 UUGAGGUA A DIACOUUGU 9051 ACAGGAG CUUJAUGAG COSTULAGG CORA ADRICULT 27428 8439 2597 UUGAGGUA A DIACOUUGU 9051 ACAGGAG CUUJAUGAG COSTULAGG CORA ADRICULT 27428 8440 2566 AGAGUALU U GUACCGU 9052 GUUACAG COSTULAGG CORA ADRICULT 27428 8441 2569 AGAGUALU U GUACCGU 9052 GUUACAG CORA CUUJAUGA CORA ADRICULT 27429 8446 2566 GUALALICUL U GUACCGU 9053 ACOGGA CUUJAUGA COCULAGO CORA ADRICULT 27429 8447 2551 AUGACGUC 9054 UGACCGU CUUJAUGA COCULAGO CORA ADRICULT 27429 8447 2551 GUACCGUC CORA COCULAG 9054 UGACCGU CUUJAUGA COCULAGO CORA ADRICULT 27429 8447 2551 GUACCGUC CORA COCULAG 9054 UGACCGU CUUJAUGA COCULAGO CORA ADRICULT 27429 8449 2531 CUUCAGU COCULAG CORACAGU CUUJAUGA COCULAGO CORA ADRICULT 27429 8449 2535 CUUCAGU C CAAGCCU 9056 GAGGCUU CUUJAUGA COCULAGO CORA ADRICULT 27431 8494 2559 CUUCAGU C CAAGCCU 9056 GAGGCUU CUUJAG COCULAGO CORA ADRICULT 27431 8494 2551 CUUCAGU C CAAGCCU 9056 GAGGCUU CUUJAG COCULAGO CORA ADRICULT 27431 8590 2521 CUUCAGU C CAAGCCU 9056 GAGGCUU CUUJAG COCULAGO CORA ADRICULT 27431 8590 2521 CUUCAGU C CAAGCCU 9056 GAGGCUU CUUJAG COCULAGO CORA ADRICULT 27431 8590 2521 CUUCAGU C CAAGCCU C 9056 GAGGCUU CUUJAG COCULAGO CORA ADRICULT 27431 8590 2521 CUUCAGU C CAAGCCU C 9066 AGAGCU C CUUJAG COCULAGO CORA ADRICULT 27431 8590 2521 CUUCAGU C CAAC	8419	2611	AUGAGCUU U CUGAAUGA	9042	UCAUUCAG CUGAUGAG GCCGUUAGGC CGAA AAGCUCAU	27418
1943 2599	8420	2610	UGAGCUUU C UGAAUGAU	9043	AUCAUUCA CUGAUGAG GCCGUUAGGC CGAA AAAGCUCA	27419
8442 2584	8429	2601	UGAAUGAU C UUGGCUAG	9044	CUAGCCAA CUGAUGAG GCCGUUAGGC CGAA AUCAUUCA	27420
18450 2586	8431	2599	AAUGAUCU U GGCUAGGC	9045	GCCUAGCC CUGAUGAG GCCGUUAGGC CGAA AGAUCAUU	27421
8451 2579 GUIGGIGUI U LORGIGUNA 9948 ULICOCUIG CUGALIGAG GCCGULAGGC CGNA ACCICCAC 27425 8452 2579 GUIGGIGUIU U CAGGUIAN 9969 AUUACCCU CUGALIGAG GCCGULAGGC CGNA ACCICCAC 27425 8452 2579 ULICAGGUI A AULACUIUS 9951 AUUACCCU CUGALIGAG GCCGULAGGC CGNA ACCICCAC 27425 8461 2569 AUGACIUA 2010 9951 ACCIGUIANG GCCGULAGGC CGNA ACCICCAC 27425 8464 2566 GUIALAGUI U GUIGACCGU 9953 ACCIGUIANG GCCGULAGGC CGNA ACCIGUIAN 27427 8466 2566 GUIALAGUI U GUIGACCGU 9953 ACCIGUIANG GCCGULAGGC CGNA ACAGUIU 27429 8467 2561 AULACUIUS U GUICACGGU 9953 ACCIGUIANG GCCGULAGGC CGNA ACAGUIU 27429 8467 2563 AULACUIUS U GUICACGGU 9955 CUUGAGUI CUGALIGAG GCCGULAGGC CGNA ACAGUIU 27429 8467 2563 GUICAGAG CCUCALAGG 9955 CUUGAGUI CUGALIGAG GCCGULAGGC CGNA ACAGUIU 27431 8477 2553 COGUCCAU C CAACCCUC 9956 GAGGUIUC CUGALIGAG GCCGULAGGC CGNA ACGGUIU 27431 8487 2553 COGUCCAU C CAACCCUC 9956 GAGGUIUC CUGALIGAG GCCGULAGGC CGNA ACGGUIU 27431 8491 2353 CUUCACAGU C CAACCCUC 9956 AUGALICAG CUGALIGAG GCCGULAGGC CGNA ACGGUIU 27431 8492 2351 CAACCCU C CAACCCUC 9956 AUGALICAG CUGALIGAG GCCGULAGGC CGNA ACGGUIU 27431 8493 2351 CAACCGU C CAACCCUC 9961 AUGALICAG CUGALIGAG GCCGULAGGC CGNA ACGGUIU 27431 8513 2517 ACUCACAU U COLCADICU 9962 ACAGUIUC CUGALIGAG GCCGULAGG GCCGULAGGG CGNA ACGGUIU 27431 8513 2517 ACUCACAU U CAACCUC 9962 ACAGUIUG CUGALAGG GCCGULAGGG CCNA ACGGUIU 27431 8513 2517 ACUCACAU U CAACCUC 9962 ACAGUIGU CUGALAGG GCCGULAGGG CCNA ACGGUIU 27431 8513 2517 ACUCACAU U CAACCUC 9963 AGAGUIUG CUGALAGG GCCGULAGGG CCNA ACGGUIU 27431 8513 2517 ACUCACAU U CAACCUC 9963 AGAGUIGU CUGALAGG GCCGULAGGG CCNA ACGGUIU 27431 8514 2486 CUGALIGU U CAACCUC 9964 ACAGUIGG CUGALAGGG CCCULAGGG	8436	2594	UCUUGGCU A GGCCUUGU	9046	ACAAGGCC CUGAUGAG GCCGUUAGGC CGAA AGCCAAGA	27422
1945 2579	8442	2588	CUAGGCCU U GUGGCGUU	9047	AACGCCAC CUGAUGAG GCCGUUAGGC CGAA AGGCCUAG	27423
8458 2579	8450	2580	UGUGGCGU U UCAGGGUA	9048	UACCCUGA CUGAUGAG GCCGUUAGGC CGAA ACGCCACA	27424
8461 2552 MUCAGORU A ALUCURUU 9051 ACAGURU CURANGAG GECGUURGGE CORA ACCCUGA 27427 8464 2566 GURANACU U GURCOGGU 9053 ACOGURCA CUCANUAG GECGUURGGE CORA AGURURGE (27429 8464 2565 SURAUNCU U GURCOGGU 9054 ACOGURCA CUCANUAG GECGUURGGE CORA AGURURGE (27430 8473 2553 AURCURU A COGURCA 9054 CURACAGO GECGUURGGE CORA ACCGURCA 27431 8473 2553 COGUCCAU C CARCACCU 9056 GURGOGGU CURANGAG GECGUURGGE CORA ACCGURCA 27431 8495 2545 COCACAGU C CARCACCU 9056 GURGOGGU CURANGAG GECGUURGGE CORA ACCGURCA 27431 8498 2545 COCACAGU C MUCAGAG 9058 MUCACAGA CURANGAG GECGUURGGE CORA ACCGURCA 27431 8498 2545 COCACAGU C MUCAGAG 9058 MUCACAGA CURANGAG GECGUURGGE CORA AUGURGA 27434 8499 2531 CUCCACAU U GURURGAG 9058 MUCACAGA CURANGAG GECGUURGGE CORA AUGURGA 27434 8494 2536 CACAUCAU U GURCACAC 9061 MUCACAGA CURANGAG GECGUURGGE CORA AUGURGA 27434 8494 2536 CACAUCAU U GURCACAC 9061 MUCACAGA CURANGAG GECGUURGGE CORA AUGURGA 27436 85908 2522 UDRACACAC C CACUCC 9062 MUCACAGA CURANGAG GECGUURGGE CORA AUGURGA 27436 8514 2516 CUCCACAU C CACAUCU 9062 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27438 8514 2516 CUCCACAU C C CACAUCU 9062 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27438 8514 2516 CUCCACAU C C CACAUCU 9063 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27439 8522 2508 UCCACAU C C AGURUGU 9065 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27439 8522 2508 CUCCACAU C C AGURCUG 9061 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27440 8522 2508 CUCACAUC C AGURCUG 9067 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27440 8522 2508 CUCACAUC C AGURCUG 9067 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27440 8522 2508 CUCACAUC C AGURCAG 9069 GURGAGAC CURANGAG GECGUURGGE CORA AUGURGA 27440 8522 2508 CUCACAUC C AGURCAG 9069 GURGAGAC CURANGAG GECGUURGA CUCARGA CORA AUGURGA 27440 8524 2468 CUCACAUC C AGURGAG 9067 GURGAGAC CUCARGAG GECGUURGA CORA AUGURGA 27440 8525 2458 GURCAGAU C AUGURGA 27450 8526	8451	2579	GUGGCGUU U CAGGGUAA	9049	UUACCCUG CUGAUGAG GCCGUUAGGC CGAA AACGCCAC	27425
8461 2552 MUCAGORU A ALUCURUU 9051 ACAGURU CURANGAG GECGUURGGE CORA ACCCUGA 27427 8464 2566 GURANACU U GURCOGGU 9053 ACOGURCA CUCANUAG GECGUURGGE CORA AGURURGE (27429 8464 2565 SURAUNCU U GURCOGGU 9054 ACOGURCA CUCANUAG GECGUURGGE CORA AGURURGE (27430 8473 2553 AURCURU A COGURCA 9054 CURACAGO GECGUURGGE CORA ACCGURCA 27431 8473 2553 COGUCCAU C CARCACCU 9056 GURGOGGU CURANGAG GECGUURGGE CORA ACCGURCA 27431 8495 2545 COCACAGU C CARCACCU 9056 GURGOGGU CURANGAG GECGUURGGE CORA ACCGURCA 27431 8498 2545 COCACAGU C MUCAGAG 9058 MUCACAGA CURANGAG GECGUURGGE CORA ACCGURCA 27431 8498 2545 COCACAGU C MUCAGAG 9058 MUCACAGA CURANGAG GECGUURGGE CORA AUGURGA 27434 8499 2531 CUCCACAU U GURURGAG 9058 MUCACAGA CURANGAG GECGUURGGE CORA AUGURGA 27434 8494 2536 CACAUCAU U GURCACAC 9061 MUCACAGA CURANGAG GECGUURGGE CORA AUGURGA 27434 8494 2536 CACAUCAU U GURCACAC 9061 MUCACAGA CURANGAG GECGUURGGE CORA AUGURGA 27436 85908 2522 UDRACACAC C CACUCC 9062 MUCACAGA CURANGAG GECGUURGGE CORA AUGURGA 27436 8514 2516 CUCCACAU C CACAUCU 9062 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27438 8514 2516 CUCCACAU C C CACAUCU 9062 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27438 8514 2516 CUCCACAU C C CACAUCU 9063 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27439 8522 2508 UCCACAU C C AGURUGU 9065 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27439 8522 2508 CUCCACAU C C AGURCUG 9061 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27440 8522 2508 CUCACAUC C AGURCUG 9067 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27440 8522 2508 CUCACAUC C AGURCUG 9067 AGAUGUGG CURANGAG GECGUURGGE CORA AUGURGA 27440 8522 2508 CUCACAUC C AGURCAG 9069 GURGAGAC CURANGAG GECGUURGGE CORA AUGURGA 27440 8522 2508 CUCACAUC C AGURCAG 9069 GURGAGAC CURANGAG GECGUURGA CUCARGA CORA AUGURGA 27440 8524 2468 CUCACAUC C AGURGAG 9067 GURGAGAC CUCARGAG GECGUURGA CORA AUGURGA 27440 8525 2458 GURCAGAU C AUGURGA 27450 8526	8452	2578	UGGCGUUU C AGGGUAAU	9050		
8464 2566	8458	2572	UUCAGGGU A AUACUUGU	9051		
8467 2565 GUANARCU U GUICCOSU 9953 ACCOGUIC CUCANUAGO GCCGULAGGO COAN AGUARUAC 27429 8467 2557 GUICCOSU C CONCONAD 9955 CUUGARUGA GECGULAGGO COAN ACCIGAGO 27431 8477 2557 GUICCOSU C CONCONAD 9956 CUUGARUGA GECGULAGGO COAN ACCIGAGO 27431 8487 2555 CGUICCOSU C COACCUC 9956 GUICCOSU CURANGAGO GECGULAGGO COAN ACCIGAGO 27431 8489 2545 COCANICOSU C AUGURUA 9957 AUGURUAG CUCANUAGO GECGULAGGO COAN AUGURCA 27431 8491 2536 CACADICOSU C AUGURUA 9958 URANICASU CUGANIGAG GECGULAGGO COAN AGURUAC 27431 8491 2536 CACADICOSU O MURICA 9059 URANICAS GECGULAGGO COAN AGURUAC 27431 8491 2536 CACADICOSU O MURICA 9059 URANICAS GECGULAGGO COAN AGURUAC 27434 8492 2531 CUCACAGU C GUICACC 9661 AGURUACA CUGANIGAG GECGULAGGO COAN AGURUAC 27435 8499 2531 CUCACAGU C CACADUCC 9962 AGURUACO CUGANIGAG GECGULAGGO COAN AGUGUAC 27436 8508 2522 UGANACAGO C CACUCUC 9963 AGURUACO CUGANIGAG GECGULAGGO COAN AGUGUACA 27438 8511 2516 CUCACACU C CACADUCU 9962 AGURUACO CUGANIGAG GECGULAGGO COAN AGUGUAGA 27438 8521 2516 CUCACACU C NOCACUCU 9963 AGURUACO CUGANIGAGO GECGULAGGO COAN AGUGUAGA 27439 8520 2510 UUCACACU C NOCACUCU 9964 AGAGCUA CUGANIGAG GECGULAGGO COAN AGUGUAGA 27440 8521 2516 UCACACU C NOCACUCU 9965 GUICAGAGO CUGANIGAGO GECGULAGGO COAN AGUGUAGA 27440 8522 2508 CUCACAGU C NOCACUCU 9065 GUICAGAGO CUGANIGAG GECGULAGGO COAN AGUICAGA 27441 8521 UCACAGU C NOCACUCU 9066 GUICAGAGO CUGANIGAG GECGULAGGO COAN AGUICAGA 27441 8522 2508 UCACAGUCU C NOCACUCU 9067 GUICAGAGO CUGANIGAGO GECGULAGGO COAN AGUICAGA 27444 8524 2486 UCACIGUIC C NOCACUCU 9068 GUICAGAGO CUGANIGAG GECGULAGGO COAN AGUICAGA 27444 8524 2486 UCACIGUIC C NOCACUCU 9068 GUICAGAGO CUGANIGAG GECGULAGGO COAN AGUICAGA 27445 8524 2486 UCACIGUIC C NOCACUCU 9068 GUICAGAGO CUGANIGAG GECGULAGGO COAN AGUICAGA 27445 8524 2486 GUICAGAGU C NOCACUCA 9069 G	8461	2569	AGGGUAAU A CUUGUACC	9052		
8467 2563 AIACUUGU A COGGUCCA 9054 UGGACCGG CUGAUGAGG CGGA ACAGGUA 27430 8477 2553 GUACGGGG C CAUCCAGA 9055 CUUGGAUG CUGAUGAGG CGGA ACAGGUC 27432 8477 2553 CGGUCCAU C CAAGCCU 9056 GAGGCUUG CUGAUGAG GCGGUAGGC CGA AUGGICCG 27432 8485 2545 CCAAGCCU C CACAGCCU 9056 GAGGCUUG CUGAUGAG GCGGUAGGC CGA AUGGICCG 27432 8491 2539 CUCCACAU C AUUGUGUA 9058 UACACAAU CUGAUGAG GCCGUAGGC CGAA AUGGICGG 27434 8492 2531 CAUUGUGU A UGGACACU 9056 AGUGUUCA CUGAUGAG GCCGUAGGC CGAA AUGGICGG 27434 8493 2531 CAUUGUGU A UGGACACU 9056 AGUGUUCA CUGAUGAG GCCGUAGGC CGAA AUGGICGG 27434 8519 2531 CAUUGUGU A UGGACACU 9056 AGUGUUCA CUGAUGAG CCCGUAGGC CCGGUAGGC CGAA ACACCAUG 27436 8510 2531 ACUCCACU C CACAUCUC 9061 UGGACAC CUGAUGAG CCCGUAGGC CCGGUAGGC CGAA ACACCAUG 27437 8511 2515 CUCCACUU C CACAUCUC 9063 AGAGGUGU CUGAUGAG CCCGUAGGC CGAA ACGCCAUG CCCACUCCC 9063 AGAGGUGU CUGAUGAG CCCGUAGGC CGAA ACGCCAUG CCCACUCCC 9063 AGAGCUGU CUGAUGAG CCCGUAGGC CGAA ACGCCAUG CCCACUCCC 9063 AGAGCUG CUGAUGAG CCCGGUAGGC CCGGCGAC CUGAUGAG CCCGGUAGGC CGAA ACGCCAC CCCACUCC CCCACUCC CCCACUCCC 9065 AGAGCUC CUGAUGAG CCCGGUAGGC CGAA ACGCCAC CCCACUCC CCCACUCC CCCACUCCC C	8464	2566	GUAAUACU U GUACCGGU	9053		
8477 2555 GIURCOGOU C CANCICCANG 9055 CUUGGAIG CUGAUGAG GCGULAGGC GAA ACCGGUCC 27431 8487 2555 CGUACCAU C CANGCCU 9056 GAGGCUUG CUGAUGAG CUGAUGAGC GAA ACGGGUCC 27431 8488 2545 CCACACCU C AUGUGUGU 9057 AUGACAGU CUGAUGAG GCGGULAGGC GAA AGGGCUG 27433 8494 2536 CACACCU C AUGUGUGU 9058 UACACAGU CUGAUGAG GCCGULAGGC GAA AGGGCUG 27433 8494 2536 CACACCAU C AUGUGUGU 9058 UACACAGU CUGAUGAG GCCGULAGGC GAA AUGUGUGG 27433 8499 2531 CUCACCU C CAUCUCC 9061 AUGUGUCA CUGAUGAG GCCGULAGGC GAA AUGUGUCA 27435 8508 2522 UGAACACCU C CACUUCC 9061 AUGUGUCA CUGAUGAG GCCGULAGGC GAA AUGUGUCA 27436 8510 2521 UGAACACU C CACAUCU 9062 AGAUGUGU CUGAUGAG GCCGULAGGC GAA AUGUGUCA 27436 8511 2516 CUCACACU C CACAUCU 9062 AGAUGUGU CUGAUGAG GCCGULAGGC GAA AUGUGUCA 27438 8514 2516 CUCACACU C CACAUCU 9062 AGAUGUGU CUGAUGAG GCGULAGGC GAA AUGUGUCA 27438 8521 2508 CCACAUCU C AUGUCUU 9064 AGACGUGA CUGAUGAG GCGULAGGC GAA AUGUGUCA 27441 8522 2508 CCACAUCU AUGUCUU 9064 AGACGUGA CUGAUGAG GCGULAGGC GAA AUGUGAGA 27441 8522 2508 CCACAUCU AUGUCUU 9065 CACAGAGU CUGAUGAG GCGULAGGC GAA AUGUGAGA 27441 8522 2508 CCACAUCU AUGUCUU 9066 CACAGCUG CUGAUGAG GCGULAGGC GAA AUGUGAGA 27441 8522 2508 CCACAUCU AUGUGUCU 9067 CACAGCUC UCAUGAGA GCCGULAGGC GAA AUGUGAGA 27441 8524 2488 GCUGAUGU GCCGCUG 9067 CACAGCUC UCAUGAGA GCCGULAGGC GAA AUGUGAGA 27441 8544 2486 GCUGAUGU U GCCGCGC 9066 GUGUGCAL CUGAUGAG GCCGULAGGC GAA AUGUGAGA 27444 8545 2470 CCCAGGUC CACAGGAGA 9071 UCUCCCGU CUGAUGAGA GCCGULAGGC GAA AUGUCAC 27445 8550 2470 CCCAGGUC CACAGGAGA 9071 UCUCCCGU CUGAUGAG GCCGULAGGC GAA AUGUCAC 27445 8557 2458 GCCGAUGUC CACAGGAGA 9071 UCUCCCGU CUGAUGAG GCCGULAGGC GAA AUGUCAC 27446 8573 2458 UGACGUU CACGGAGAG 9071 UCUCCCGU CUGAUGAG GCCGULAGGC GAA AUGUCAC 27446 8573 2459 UGACGUU CACGGAGAG 9077 AU	8467	2563	AUACUUGU A CCGGUCCA	9054		
8485 2545 CCARACCCU CARACCUC 9956 GAGGCUIG CUGAUGAG CGGULAGGC CGA AUGGACCG 27432 8485 2545 CCARACCCU CAUGUGUIA 9957 AUGALURIG CUGAUGAG CGGULAGGC CGA AUGUGGAG 27434 8494 2536 CCACAUCAU UUUGAUGA 9958 UACACAAU CUGAUGAG CGGULAGGC CGA AUGUGGAG 27434 8494 2536 CACAUCAU UUUGACCCU 9958 UACACAAU CUGAUGAG CGGULAGGC CGA AUGUGGAG 27434 8494 2531 CAUUUGUI UUGAACACU 9965 AUGUGUCA CUGAUGAG CCGULAGGC CGA AUGUGUCA 27436 8508 2522 UUGAACACU CACUUCCC 9961 UUGAAGGU CUGAUGAG CCGUUAGGC CGA AUGUGUCA 27437 8513 2517 ACUCCACU CCACAUCCU 9962 AGAIGGUG CUGAUGAG CCGUUAGGC CGA AUGUGGAG 27439 8514 2516 CUCCACUU CACAUCCU 9963 GAGAUGU CUGAUGAG CCGUUAGGC CGA AUGUGGAG 27439 8520 2510 UUCCACCU U CCCCCUCU 9964 AGAGCUGG CUGAUGAG CCGUUAGGC CGA AUGUGGA 27439 8520 2510 UUCCACCU U GCCGGCG 9965 CACAGGCG CUGAUGAG CCGUUAGGC CGA AUGUGGAG 27441 8527 2503 UUCCACCU U GCCGGCU 9965 CAAGGCGC CUGAUGAG CCGUUAGGC CGA AUGUGGAG 27441 8529 2501 UUCAGCUC U GCCGGCU 9965 CAAGGCGC CUGAUGAG CCGUUAGGC CGA AUGUGGAG 27441 8540 2466 UUGAGCUC U GCCGGCU 9965 CAAGCCGC CUGAUGAG CCGUUAGGC CGA AUGUGGAG 27444 8544 2466 UUGAGCUC U GCCGGCUG 9967 CAAGCCGC CUGAUGAG CCGUUAGGC CGA AUGUGGAG 27445 8550 2470 UCAGCGUC AUGUGCAC 9968 GUGCCAU CUGAUGAG CCGUUAGGC CGA AUGUGGAG 27445 8551 2458 GUGACGUC AUGUGCAC 9968 GUGCCAU CUGAUGAG CCGUUAGGC CGA AUGUGGA 27445 8552 2458 GUGACGUC AUGUGGAG 9970 UUCCCGU CUGAUGAG CCGUUAGGC CGA AUGUGGC CGA AUGUGGA 27446 8552 2458 GUGACGUC AUGUGGAG 9971 UUCCCGU CUGAUGAG CCGUUAGGC CGA AUGUGGC CGA AUGUGGG CCGA AUGUGGG CCGA AUGUGGG CCGA AUGUGGG CCGA AUGUGGG CCGA AUGUGGG CCGA AUGUGGG CCCACUC	8473	2557	GUACCGGU C CAUCCAAG	9055		
8491 2536	8477	2553	CGGUCCAU C CAAGCCUC	9056		
8494 2539 CUCCACAU C AUUGUGUA 9959 UCCAUACAC CUGAUGAG GCCGUUAGGC CAA AUGUGGAG 27435 8499 2531 CALUUGUGU A UGAACACU 9959 UCCAUACAC CUGAUGAG GCCGUUAGGC CAA AUGUGGAG 27437 8598 2522 UGAACACU C CACUUCCA 9961 AGUGUUCA CUGAUGAG GCCGUUAGGC CAA AUGUGGAG 27437 8511 25317 ACUCCACU U CCACAUCU 9962 AGAUGUG CUGAUGAG GCCGUUAGGC CAA AUGUGGAG 27438 8520 2510 UUCCACCOU U CCACAUCUC 9963 AGAUGUG CUGAUGAG GCCGUUAGGC CAA AUGUGGAG 27438 8520 2510 UUCCACCOU C UCACCUCCU 9963 AGAUGUG CUGAUGAG GCCGUUAGGC CAA AUGUGGAG 27438 8520 2510 UUCCACCOU C UCACCUCCU 9964 AGACCUGA CUGAUGAG GCCGUUAGGC CAA AUGUGGAG 27438 8521 2503 CUCCACAUCU C AGCUCCUG 9965 AGAGAGGU CUGAUGAG GCCGUUAGGC CAA AUGUGGAG 27449 8522 2508 CCACAUCU C AGCUCCUG 9965 GCCGGCAA CUGAUGAG GCCGUUAGGC CAA AUGUGGAA 27440 8527 2503 UUCUAGCAC C UUGCCGC 9966 GCCGGCAA CUGAUGAG GCCGUUAGGC CAA AGAUGUGGA 27441 8527 2503 UUCUAGCUC C UUGCCGC 9966 GCCGGCAA CUGAUGAG GCCGUUAGGC CAA AGAUGUGAA 27442 8524 2486 UGAUGUCU A UGCCGCC 9969 9067 CACCCGC C CUGAUGAG GCCGUUAGGC CAA AGAUCAGC 27443 8542 2486 UGAUGUCU A UGGCACC 9969 9069 GUGUCCAC CUGAUGAG GCCGUUAGGC CAA AGACUCA 27445 8550 2470 CCCAGUU C AGCGUCA 9970 UGCACGC C UGAUGAG GCCGUUAGGC CAA AGACUCA 27445 8572 2458 UGACCGCU C AGCGAGA 9971 UCUCCGU CUGAUGAG GCCGUUAGGC CAA AGACUCA 27447 8573 2457 UGCACGUU C AGCGAGAG 9972 UCUCCGU CUGAUGAG GCCGUUAGGC CAA AGACUCA 27447 8573 2458 UGAACCCC U C ACCACAC 9973 AGUUGGG CUGAUGAG GCCGUUAGGC CAA ACCUCUCA 27447 8573 2459 UGACCCCU C AGCGAGAG 9972 UCUCCGU CUGAUGAG GCCGUUAGGC CAA ACCUCUCA 27447 8599 2413 GCACACAC U C ACCACAC 9973 AGUUGGG CUGAUGAG GCCGUUAGGC CAA ACCUCUCA 27457 8622 2408 UGACCCC A UCCACAC 9973 AGUUGGG CUGAUGAG GCCGUUAGGC CAA ACCUCUCA 27457 8624 2404 AUGCCCCC A CACCACA 9975 AGUCUCCU CUGAUGAG GCCGUUAGGC CAA AGCACUCC 27457 8625 2418 GCACCAC U CACACAG 9978	8485	2545	CCAAGCCU C CACAUCAU	9057		
8499 2531	8491	2539	CUCCACAU C AUUGUGUA	9058		
8499 2531 CAUUGUGU A UGANCACU 9960 AGUGUUCA CUGAUGAG CCCULUAGGC CGAA ACGARAJG 27437	8494	2536	CACAUCAU U GUGUAUGA			
8598 2522 UGAACACU C CACUUCCA 9061 UGGANGGI GEGGUAGGI GEAR AGIGGUICA 27437 8514 2516 CUCCACUU C CACAUCU 9062 AGAUGUIGG CUGAUGAG GECGULAGGI CGAN AGUGGAGU 27438 8514 2516 CUCCACUU C CACAUCUC 9063 GAGAUGUIG CUGAUGAG GECGULAGGI CGAN AGUGGAGU 27438 8520 2510 UUCCACAUC C CACAUCUC 9064 AGAGCUGA CUGAUGAG GECGULAGGI CGAN AGUGGAGA 27438 8522 2503 CUCCAGCUC C AGUCUCU 9065 CACAGAGGI CUGAUGAG GECGULAGGI CGAN AGUGGAGA 27440 8527 2503 UCUCAGCU C UUCCCGGC 9066 GCCGGCAN CUGAUGAG GECGULAGGI CGAN AGUGGAGA 27441 8529 2501 UCCAGCUCU U GECGGCU 9066 GCCGGCAN CUGAUGAG GECGULAGGI CGAN AGUCGAGA 27442 8524 2488 GUGAUGU C LUBUGGAC 9069 GUGCCAN CUGAUGAG GECGULAGGI CGAN AGACUCAGA 27444 8544 2486 UGAUGUCU C UGCGACA 9069 GUGCCAN CUGAUGAG GECGULAGGI CGAN AGACUCAGA 27445 8550 2470 CCCAGGUGU C AGGGAGA 9070 UGCACGC CUGAUGAG GECGULAGGI CGAN AGACUCAC 27445 8573 2455 UGCACCU U CACGGAGA 9071 UCCCCGGI CUGAUGAG GECGULAGGI CGAN AGACUCAC 27447 8573 2455 UGCACGU C AGGGAGA 9071 UCCCCGGI CUGAUGAG GECGULAGGI CGAN AGCGUCA 27447 8598 2435 GCAGAACU C CUCCAACU 9073 AGUUGGAG CUGAUGAG GECGULAGGI CGAN AGUGGAC 27447 8598 2435 GCAGACU C CUCCAACU 9073 AGUUGGAG CUGAUGAG GECGULAGGI CGAN AGUUCUCA 27451 8652 2408 UGAAGGCU A UGACCCA 9074 CUCCCGU CUGAUGAG GECGULAGGI C CGAN AGUUCUCA 27451 86532 2393 GGACCUAU A UGACCCA 9075 UAGGUCCA CUGAUGAG GECGULAGGI C CGAN AGUUCUCA 27451 86532 2393 GAACUCCU C CUACAGGI 9077 AGUCUCA CUGAUGAG GECGULAGGI C CGAN AGUUCUCA 27451 86532 2393 GAACUCCU C UACCGAC 9078 UAGGUCCA CUGAUGAG GECGULAGGI C CGAN AGUUCUCA 27451 86541 2399 AGACCCU C UCCAACU 9071 AUGUCCAC CUGAUGAG GECGULAGGI C CGAN AGUCUCCA 27451 86562 2354 CCCGULAGGI C GAACAGA 9079 CUGUUGGA CUGAUGAG GECGULAGGI C CGAN AGUCUCU 27452 86584 2345 CUCCAGCCU C GACACAC 9086 AGUCUCUCA CUGAUGAG GECGULAGGI C CGA	8499	2531	 			
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		6173	AGGGGGU U GUAAAGGC	AT03	GCCUUUAC CUGAUGAG GCCGUUAGGC CGAA ACCACCCU	27479

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				e VIII	107400
8840	2190	GUGGUUGU A AAGGCUUU	9104	AAAGCCUU CUGAUGAG GCCGUUAGGC CGAA ACAACCAC	27480
8847	2183	UAAAGGCU U UGCCAAUG	9105	CAUUGGCA CUGAUGAG GCCGUUAGGC CGAA AGCCUUUA	27481
8848	2182	AAAGGCUU U GCCAAUGC	9106	GCAUUGGC CUGAUGAG GCCGUUAGGC CGAA AAGCCUUU	27482
8861	2169	AUGCUGCU U CCAGACUU	9107	AAGUCUGG CUGAUGAG GCCGUUAGGC CGAA AGCAGCAU	27483
8862	2168	UGCUGCUU C CAGACUUG	9108	CAAGUCUG CUGAUGAG GCCGUUAGGC CGAA AAGCAGCA	27484
8869	2161	UCCAGACU U GUGCCAAU	9109	AUUGGCAC CUGAUGAG GCCGUUAGGC CGAA AGUCUGGA	27485
8884	2146	AUGGUGAU U GAUCUGUU	9110	AACAGAUC CUGAUGAG GCCGUUAGGC CGAA AUCACCAU	27486
8888	2142	UGAUUGAU C UGUUGUUC	9111	GAACAACA CUGAUGAG GCCGUUAGGC CGAA AUCAAUCA	27487
8892	2138	UGAUCUGU U GUUCUCCU	9112	AGGAGAAC CUGAUGAG GCCGUUAGGC CGAA ACAGAUCA	27488
8895	2135	UCUGUUGU U CUCCUCUG	9113	CAGAGGAG CUGAUGAG GCCGUUAGGC CGAA ACAACAGA	27489
8896	2134	CUGUUGUU C UCCUCUGC	9114	GCAGAGGA CUGAUGAG GCCGUUAGGC CGAA AACAACAG	27490
8898	2132	GUUGUUCU C CUCUGCCC	9115	GGGCAGAG CUGAUGAG GCCGUUAGGC CGAA AGAACAAC	27491
8901	2129	GUUCUCCU C UGCCCACC	9116	GGUGGGCA CUGAUGAG GCCGUUAGGC CGAA AGGAGAAC	27492
8913	2117	CCACCACU A UGUAUGAG	9117	CUCAUACA CUGAUGAG GCCGUUAGGC CGAA AGUGGUGG	27493
8917	2113	CACUAUGU A UGAGUCUC	9118	GAGACUCA CUGAUGAG GCCGUUAGGC CGAA ACAUAGUG	27494
8923	2107	GUAUGAGU C UCCAAAGG	9119	CCUUUGGA CUGAUGAG GCCGUUAGGC CGAA ACUCAUAC	27495
8925	2105	AUGAGUCU C CAAAGGGU	9120	ACCCUUUG CUGAUGAG GCCGUUAGGC CGAA AGACUCAU	27496
8937	2093	AGGGUGGU U CCAAUUCA	9121	UGAAUUGG CUGAUGAG GCCGUUAGGC CGAA ACCACCCU	27497
8938	2092	GGGUGGUU C CAAUUCAA	9122	UUGAAUUG CUGAUGAG GCCGUUAGGC CGAA AACCACCC	27498
8943	2087	GUUCCAAU U CAAUCAGG	9123	CCUGAUUG CUGAUGAG GCCGUUAGGC CGAA AUUGGAAC	27499
8944	2086	UUCCAAUU C AAUCAGGA	9124	UCCUGAUU CUGAUGAG GCCGUUAGGC CGAA AAUUGGAA	27500
8948	2082	AAUUCAAU C AGGACCUU	9125	AAGGUCCU CUGAUGAG GCCGUUAGGC CGAA AUUGAAUU	27501
8956	2074	CAGGACCU U AGCGUUGG	9126	CCAACGCU CUGAUGAG GCCGUUAGGC CGAA AGGUCCUG	27502
8957	2073	AGGACCUU A GCGUUGGC	9127	GCCAACGC CUGAUGAG GCCGUUAGGC CGAA AAGGUCCU	27503
8962	2068	CUUAGCGU U GGCCGUGG	9128	CCACGGCC CUGAUGAG GCCGUUAGGC CGAA ACGCUAAG	27504
8989	2041	AAAAGGGU U GACAGUGA	9129	UCACUGUC CUGAUGAG GCCGUUAGGC CGAA ACCCUUUU	27505
9003	2027	UGACCAAU C UGCCCACU	9130	AGUGGGCA CUGAUGAG GCCGUUAGGC CGAA AUUGGUCA	27506
9017	2013	ACUGGCGU U AGGUCGUU	9131	AACGACCU CUGAUGAG GCCGUUAGGC CGAA ACGCCAGU	27507
9018	2013	CUGGCGUU A GGUCGUUC	9132	GAACGACC CUGAUGAG GCCGUUAGGC CGAA AACGCCAG	27508
9022	2012	CGUUAGGU C GUUCAAUG	9133	CAUUGAAC CUGAUGAG GCCGUUAGGC CGAA ACCUAACG	27509
9025	2005	UAGGUCGU U CAAUGAAG	9134	CUUCAUUG CUGAUGAG GCCGUUAGGC CGAA ACGACCUA	27510
9026	2003	AGGUCGUU C AAUGAAGC	9135	GCUUCAUU CUGAUGAG GCCGUUAGGC CGAA AACGACCU	27511
9047	1983	GACGAGAU A GGAACUUU	9136	AAAGUUCC CUGAUGAG GCCGUUAGGC CGAA AUCUCGUC	27512
9054	1976	UAGGAACU U UGCAAGGU	9137	ACCUUGCA CUGAUGAG GCCGUUAGGC CGAA AGUUCCUA	27513
	1975	AGGAACUU U GCAAGGUC	9138	GACCUUGC CUGAUGAG GCCGUUAGGC CGAA AAGUUCCU	27514
9055		UGCAAGGU C CAUCCGUG	9139	CACGGAUG CUGAUGAG GCCGUUAGGC CGAA ACCUUGCA	27514
9063	1967			CUGGCACG CUGAUGAG GCCGUUAGGC CGAA ACCUUGCA CUGGCACG CUGAUGAG GCCGUUAGGC CGAA AUGGACCU	
9067	1963	AGGUCCAU C CGUGCCAG	9140		27516
9079	1951	GCCAGUGU A CUGCAAUU	9141	AAUUGCAG CUGAUGAG GCCGUUAGGC CGAA ACACUGGC GGUGUUGG CUGAUGAG GCCGUUAGGC CGAA AUUGCAGU	
9087	1943	ACUGCAAU U CCAACACC	9142		27518
9088	1942	CUGCAAUU C CAACACCA	9143	UGGUGUUG CUGAUGAG GCCGUUAGGC CGAA AAUUGCAG	27519
9115	1915	ACCUGUGU C UGCGGGAG	9144	CUCCCGCA CUGAUGAG GCCGUUAGGC CGAA ACACAGGU	27520
9125	1905	GCGGGAGU C CCAAGAAA	9145	UUUCUUGG CUGAUGAG GCCGUUAGGC CGAA ACUCCCGC	27521
9136	1894	AAGAAACU U GAAAGCCU	9146	AGGCUUUC CUGAUGAG GCCGUUAGGC CGAA AGUUUCUU	27522
9145	1885	GAAAGCCU U UGAACAGA	9147	UCUGUUCA CUGAUGAG GCCGUUAGGC CGAA AGGCUUUC	27523
9146	1884	AAAGCCUU U GAACAGAC	9148	GUCUGUUC CUGAUGAG GCCGUUAGGC CGAA AAGGCUUU	27524
9160	1870	GACGCCAU A GGUUGUUC	9149	GAACAACC CUGAUGAG GCCGUUAGGC CGAA AUGGCGUC	27525
9164	1866	CCAUAGGU U GUUCCCUU	9150	AAGGGAAC CUGAUGAG GCCGUUAGGC CGAA ACCUAUGG	27526
9167	1863	UAGGUUGU U CCCUUCAA	9151	UUGAAGGG CUGAUGAG GCCGUUAGGC CGAA ACAACCUA	27527
9168	1862	AGGUUGUU C CCUUCAAC	9152	GUUGAAGG CUGAUGAG GCCGUUAGGC CGAA AACAACCU	27528
9172	1858	UGUUCCCU U CAACUGCA	9153	UGCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGGGAACA	27529
9173	1857	GUUCCCUU C AACUGCAA	9154	UUGCAGUU CUGAUGAG GCCGUUAGGC CGAA AAGGGAAC	27530
9183	1847	ACUGCAAU U UUUCCAUC	9155	GAUGGAAA CUGAUGAG GCCGUUAGGC CGAA AUUGCAGU	27531
9184	1846	CUGCAAUU U UUCCAUCU	9156	AGAUGGAA CUGAUGAG GCCGUUAGGC CGAA AAUUGCAG	27532
9185	1845	UGCAAUUU U UCCAUCUU	9157	AAGAUGGA CUGAUGAG GCCGUUAGGC CGAA AAAUUGCA	27533
9186	1844	GCAAUUUU U CCAUCUUC	9158	GAAGAUGG CUGAUGAG GCCGUUAGGC CGAA AAAAUUGC	27534
9187	1843	CAAUUUUU C CAUCUUCA	9159	UGAAGAUG CUGAUGAG GCCGUUAGGC CGAA AAAAAUUG	27535
9191	1839	UUUUCCAU C UUCACUCU	9160	AGAGUGAA CUGAUGAG GCCGUUAGGC CGAA AUGGAAAA	27536
9193	1837	UUCCAUCU U CACUCUAC	9161	GUAGAGUG CUGAUGAG GCCGUUAGGC CGAA AGAUGGAA	27537
9194	1836	UCCAUCUU C ACUCUACA	9162	UGUAGAGU CUGAUGAG GCCGUUAGGC CGAA AAGAUGGA	27538
9198	1832	UCUUCACU C UACACUUC	9163	GAAGUGUA CUGAUGAG GCCGUUAGGC CGAA AGUGAAGA	27539
9200	1830	UUCACUCU A CACUUCAA	9164	UUGAAGUG CUGAUGAG GCCGUUAGGC CGAA AGAGUGAA	27540
9205	1825	UCUACACU U CAAAUGAC	9165	GUCAUUUG CUGAUGAG GCCGUUAGGC CGAA AGUGUAGA	27541

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9206	1824	CUACACUU C AAAUGACC	9166	GGUCAUUU CUGAUGAG GCCGUUAGGC CGAA AAGUGUAG 275
9221	1809	CCCGACGU C AACUUGAC	9167	GUCAAGUU CUGAUGAG GCCGUUAGGC CGAA ACGUCGGG 275
9226	1804	CGUCAACU U GACAGUGU	9168	ACACUGUC CUGAUGAG GCCGUUAGGC CGAA AGUUGACG 275
	1795	GACAGUGU U GCUUGAAA	9169	UUUCAAGC CUGAUGAG GCCGUUAGGC CGAA ACACUGUC 275
9235		GUGUUGCU U GAAAAUUC	9170	GAAUUUUC CUGAUGAG GCCGUUAGGC CGAA AGCAACAC 275
9239	1791			
9246	1784	UUGAAAAU U CCACAGGA	9171	UCCUGUGG CUGAUGAG GCCGUUAGGC CGAA AUUUUCAA 275
9247	1783	UGAAAAUU C CACAGGAA	9172	UUCCUGUG CUGAUGAG GCCGUUAGGC CGAA AAUUUUCA 275
9261	1769	GAAUGGCU C CAGCCAAA	9173	UUUGGCUG CUGAUGAG GCCGUUAGGC CGAA AGCCAUUC 275
9273	1757	CCAAAGCU U GAUGCAGA	9174	UCUGCAUC CUGAUGAG GCCGUUAGGC CGAA AGCUUUGG 275
9285	1745	GCAGAGCU C CCUCUUGU	9175	ACAAGAGG CUGAUGAG GCCGUUAGGC CGAA AGCUCUGC 275
9289	1741	AGCUCCCU C UUGUGAGC	9176	GCUCACAA CUGAUGAG GCCGUUAGGC CGAA AGGGAGCU 275
9291	1739	CUCCCUCU U GUGAGCCC	9177	GGGCUCAC CUGAUGAG GCCGUUAGGC CGAA AGAGGGAG 275
9306	1724	CCAAUGCU A UCACAGAC	9178	GUCUGUGA CUGAUGAG GCCGUUAGGC CGAA AGCAUUGG 275
9308	1722	AAUGCUAU C ACAGACUG	9179	CAGUCUGU CUGAUGAG GCCGUUAGGC CGAA AUAGCAUU 275
9319	1711	AGACUGCU U CGUGGCGU	9180	ACGCCACG CUGAUGAG GCCGUUAGGC CGAA AGCAGUCU 275
9320	1710	GACUGCUU C GUGGCGUG	9181	CACGCCAC CUGAUGAG GCCGUUAGGC CGAA AAGCAGUC 275
9333	1697	CGUGUGGU U CCUCAAAC	9182	GUUUGAGG CUGAUGAG GCCGUUAGGC CGAA ACCACACG 275
9334	1696	GUGUGGUU C CUCAAACU	9183	AGUUUGAG CUGAUGAG GCCGUUAGGC CGAA AACCACAC 275
9337	1693	UGGUUCCU C AAACUCCA	9184	UGGAGUUU CUGAUGAG GCCGUUAGGC CGAA AGGAACCA 275
9343	1687	CUCAAACU C CAUUAACG	9185	CGUUAAUG CUGAUGAG GCCGUUAGGC CGAA AGUUUGAG 275
9347	1683	AACUCCAU U AACGUCUC	9186	GAGACGUU CUGAUGAG GCCGUUAGGC CGAA AUGGAGUU 275
		ACUCCAUU A ACGUCUCU	9187	AGAGACGU CUGAUGAG GCCGUUAGGC CGAA AAUGGAGU 275
9348	1682			
9353	1677	AUUAACGU C UCUCUGUU	9188	AACAGAGA CUGAUGAG GCCGUUAGGC CGAA ACGUUAAU 275
9355	1675	UAACGUCU C UCUGUUCC	9189	GGAACAGA CUGAUGAG GCCGUUAGGC CGAA AGACGUUA 275
9357	1673	ACGUCUCU C UGUUCCUC	9190	GAGGAACA CUGAUGAG GCCGUUAGGC CGAA AGAGACGU 275
9361	1669	CUCUCUGU U CCUCCACA	9191	UGUGGAGG CUGAUGAG GCCGUUAGGC CGAA ACAGAGAG 275
9362	1668	UCUCUGUU C CUCCACAC	9192	GUGUGGAG CUGAUGAG GCCGUUAGGC CGAA AACAGAGA 275
9365	1665	CUGUUCCU C CACACAGU	9193	ACUGUGUG CUGAUGAG GCCGUUAGGC CGAA AGGAACAG 275
9374	1656	CACACAGU A CUUCCAGC	9194	GCUGGAAG CUGAUGAG GCCGUUAGGC CGAA ACUGUGUG 275
9377	1653	ACAGUACU U CCAGCACU	9195	AGUGCUGG CUGAUGAG GCCGUUAGGC CGAA AGUACUGU 275
9378	1652	CAGUACUU C CAGCACUG	9196	CAGUGCUG CUGAUGAG GCCGUUAGGC CGAA AAGUACUG 275
9389	1641	GCACUGCU C CAAGGGAG	9197	CUCCCUUG CUGAUGAG GCCGUUAGGC CGAA AGCAGUGC 275
9400	1630	AGGGAGGU U GAGGUCCA	9198	UGGACCUC CUGAUGAG GCCGUUAGGC CGAA ACCUCCCU 275
9406	1624	GUUGAGGU C CAUGAACC	9199	GGUUCAUG CUGAUGAG GCCGUUAGGC CGAA ACCUCAAC 275
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9437	1593	AAGAACGU C UUUGUUCC	9201	GGAACAAA CUGAUGAG GCCGUUAGGC CGAA ACGUUCUU 275
9439	1591	GAACGUCU U UGUUCCAA	9202	UUGGAACA CUGAUGAG GCCGUUAGGC CGAA AGACGUUC 275
9440	1590	AACGUCUU U GUUCCAAC	9203	GUUGGAAC CUGAUGAG GCCGUUAGGC CGAA AAGACGUU 275
9443	1587	GUCUUUGU U CCAACAGU	9204	ACUGUUGG CUGAUGAG GCCGUUAGGC CGAA ACAAAGAC 275
9444	1586	UCUUUGUU C CAACAGUC	9205	GACUGUUG CUGAUGAG GCCGUUAGGC CGAA AACAAAGA 275
9452	1578	CCAACAGU C AUCACGUA	9206	UACGUGAU CUGAUGAG GCCGUUAGGC CGAA ACUGUUGG 275
	J	ACAGUCAU C ACGUAGUA	9207	-
9455				UACUACGU CUGAUGAG GCCGUUAGGC CGAA AUGACUGU 275
9460	1570	CAUCACGU A GUAUGCAU	9208	AUGCAUAC CUGAUGAG GCCGUUAGGC CGAA ACGUGAUG 275
9463	1567	CACGUAGU A UGCAUUGG	9209	CCAAUGCA CUGAUGAG GCCGUUAGGC CGAA ACUACGUG 275
9469	1561	GUAUGCAU U GGUGUCAA	9210	UUGACACC CUGAUGAG GCCGUUAGGC CGAA AUGCAUAC 275
9475	1555	AUUGGUGU C AAUCCCUG	9211	CAGGGAUU CUGAUGAG GCCGUUAGGC CGAA ACACCAAU 275
9479	1551	GUGUCAAU C CCUGACCG	9212	CGGUCAGG CUGAUGAG GCCGUUAGGC CGAA AUUGACAC 275
9492	1538	ACCGUGGU U CACAGUCC	9213	GGACUGUG CUGAUGAG GCCGUUAGGC CGAA ACCACGGU 275
9493	1537	CCGUGGUU C ACAGUCCA	9214	UGGACUGU CUGAUGAG GCCGUUAGGC CGAA AACCACGG 275
9499	1531	UUCACAGU C CACUGUCA	9215	UGACAGUG CUGAUGAG GCCGUUAGGC CGAA ACUGUGAA 275
9506	1524	UCCACUGU C ACCUCUCC	9216	GGAGAGGU CUGAUGAG GCCGUUAGGC CGAA ACAGUGGA 275
9511	1519	UGUCACCU C UCCAUAUU	9217	AAUAUGGA CUGAUGAG GCCGUUAGGC CGAA AGGUGACA 275
9513	1517	UCACCUCU C CAUAUUCU	9218	AGAAUAUG CUGAUGAG GCCGUUAGGC CGAA AGAGGUGA 275
9517	1513	CUCUCCAU A UUCUCCAA	9219	UUGGAGAA CUGAUGAG GCCGUUAGGC CGAA AUGGAGAG 275
9519	1511	CUCCAUAU U CUCCAAGC	9220	GCUUGGAG CUGAUGAG GCCGUUAGGC CGAA AUAUGGAG 275
9520	1510	UCCAUAUU C UCCAAGCU	9221	AGCUUGGA CUGAUGAG GCCGUUAGGC CGAA AAUAUGGA 275
9522	1508	CAUAUUCU C CAAGCUUU	9222	AAAGCUUG CUGAUGAG GCCGUUAGGC CGAA AGAAUAUG 275
9529	1501	UCCAAGCU U UAGUGUGU	9223	ACACACUA CUGAUGAG GCCGUUAGGC CGAA AGCUUGGA 275
9530	1500	CCAAGCUU U AGUGUGUA	9224	UACACACU CUGAUGAG GCCGUUAGGC CGAA AAGCUUGG 276
9531	1499	CAAGCUUU A GUGUGUAU	9225	AUACACAC CUGAUGAG GCCGUUAGGC CGAA AAAGCUUG 276
9538	1492	UAGUGUGU A UGAAGGCG	9226	CGCCUUCA CUGAUGAG GCCGUUAGGC CGAA ACACACUA 276
9567	1463	UGCUGAAU C UCCCUGCC	9227	GGCAGGGA CUGAUGAG GCCGUUAGGC CGAA AUUCAGCA 276
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	WO 02	008037	Tabl	ole VIII	
9569	1461	CUGAAUCU C CCUGCCUG	9228		27604
9585	1445	GAGUGGCU C CAACCUGU	9229	ACAGGUUG CUGAUGAG GCCGUUAGGC CGAA AGCCACUC 2	27605
9601	1429	UGUGGAGU A GUUUCCGU	9230	ACGGAAAC CUGAUGAG GCCGUUAGGC CGAA ACUCCACA 2	27606
9604	1426	GGAGUAGU U UCCGUGCG	9231	CGCACGGA CUGAUGAG GCCGUUAGGC CGAA ACUACUCC 2	27607
9605	1425	GAGUAGUU U CCGUGCGA	9232	UCGCACGG CUGAUGAG GCCGUUAGGC CGAA AACUACUC 2	27608
9606	1424	AGUAGUUU C CGUGCGAC	9233	GUCGCACG CUGAUGAG GCCGUUAGGC CGAA AAACUACU 2	27609
9616	1414	GUGCGACU C CACAGUAG	9234	CUACUGUG CUGAUGAG GCCGUUAGGC CGAA AGUCGCAC 2	27610
9623	1407	UCCACAGU A GUUGGUCC	9235	GGACCAAC CUGAUGAG GCCGUUAGGC CGAA ACUGUGGA 2	27611
9626	1404	ACAGUAGU U GGUCCAUG	9236		27612
9630	1400	UAGUUGGU C CAUGGACA	9237	UGUCCAUG CUGAUGAG GCCGUUAGGC CGAA ACCAACUA 2	27613
9651	1379	UGGCCACU U CGUACUUG	9238	CAAGUACG CUGAUGAG GCCGUUAGGC CGAA AGUGGCCA 2	27614
9652	1378	GGCCACUU C GUACUUGA	9239	UCAAGUAC CUGAUGAG GCCGUUAGGC CGAA AAGUGGCC 2	27615
9655	1375	CACUUCGU A CUUGAUAU	9240	AUAUCAAG CUGAUGAG GCCGUUAGGC CGAA ACGAAGUG 2	27616
9658	1372	UUCGUACU U GAUAUUCU	9241		27617
9662	1368	UACUUGAU A UUCUCUUU	9242		27618
9664	1366	CUUGAUAU U CUCUUUCA	9243		27619
9665	1365	UUGAUAUU C UCUUUCAA	9244		27620
9667	1363	GAUAUUCU C UUUCAAGA	9245		27621
9669	1361	UAUUCUCU U UCAAGAUG	9246		27622
9670	1360	AUUCUCUU U CAAGAUGG	9247		27623
9671	1359	UUCUCUUU C AAGAUGGU	9248		27624
9680	1350	AAGAUGGU U CUUCCUAU	9249		27625
9681	1349	AGAUGGUU C UUCCUAUU	9250		27626
9683	1347	AUGGUUCU U CCUAUUGC	9251		27627
9684	1346	UGGUUCUU C CUAUUGCC	9252		27628
9687	1343	UUCUUCCU A UUGCCUUG	9253		27629
9689	1341	CUUCCUAU U GCCUUGGU	9254		27630
9694	1336	UAUUGCCU U GGUAGAGC	9255		27631
9698	1332	GCCUUGGU A GAGCAGGC	9256		27632
9711	1319	AGGCAAAU U UGGCGCAU	9257	· · · · · · · · · · · · · · · · · · ·	27633
9712	1318	GGCAAAUU U GGCGCAUG	9258		27634
9724	1306	GCAUGUGU C AAUGCUUC	9259		27635
9731	1299	UCAAUGCU U CCUUUGCC	9260		27636
9732	1298	CAAUGCUU C CUUUGCCA	9261		27637
9735	1295	UGCUUCCU U UGCCAAAU	9262		27638
9736	1294	GCUUCCUU U GCCAAAUA	9263		27639
9744	1286	UGCCAAAU A AUCCGCAG	9264		27640
9747	1283	CAAAUAAU C CGCAGCCG	9265		27641
9757	1273	GCAGCCGU U GCCCCAGC	9266		27642
9772	1258	GCCCCUGU C CACCACUC	9267		27643
9780	1250	CCACCACU C CUUGUCUG	9268		27644
9783	1247	CCACUCCU U GUCUGCAC	9269		27645
9786	1244	CUCCUUGU C UGCACACA	9270		27646
9805	1225	AGCUGGGU C AGCACGUU	9271		27647
9813	1217	CAGCACGU U UGUCAUUG	9272		27648
9814	1216	AGCACGUU U GUCAUUGU	9273		27649
9817	1213	ACGUUUGU C AUUGUGAG	9274		27650
9820	1210	UUUGUCAU U GUGAGCUU	9275		27651
9828	1202	UGUGAGCU U CUCCCAUG	9276		27652
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9831	1199	GAGCUUCU C CCAUGGUC	9278		27654
9839	1191	CCCAUGGU C GGGCACGC	9279		27655
9852	1178	ACGCAGCU U UGGUGGAG	9280		27656
9853	1177	CGCAGCUU U GGUGGAGA	9281		27657
9865	1165	GGAGAGAU C GCUGACGG	9282		27658
9875	1155	CUGACGGU A GCCAAAUA	9283		27659
9883	1147	AGCCAAAU A GCAAUAAC	9284		27660
9889	1141	AUAGCAAU A ACUGCGGA	9285_		
9901	1129	GCGGACCU C UGCCAGGU	9286		27661
9910	1120	UGCCAGGU U GACCGCCU	9287		27662
9919	1111	GACCGCCU C CAUAUUCA	9288		27663
9923	1107	GCCUCCAU A UUCAUCAU	9289		27664
لتتت		Social is connected	2203	AUGAUGAA CUGAUGAG GCCGUUAGGC CGAA AUGGAGGC 2	27665

	WO UZI		Table	e VIII	
9925	1105	CUCCAUAU U CAUCAUCU	9290		27666
9926	1104	UCCAUAUU C AUCAUCUU	9291	AAGAUGAU CUGAUGAG GCCGUUAGGC CGAA AAUAUGGA	27667
9929	1101	AUAUUCAU C AUCUUCAC	9292	GUGAAGAU CUGAUGAG GCCGUUAGGC CGAA AUGAAUAU	27668
9932	1098	UUCAUCAU C UUCACAUC	9293	GAUGUGAA CUGAUGAG GCCGUUAGGC CGAA AUGAUGAA	27669
9934	1096	CAUCAUCU U CACAUCGA	9294	UCGAUGUG CUGAUGAG GCCGUUAGGC CGAA AGAUGAUG	27670
9935	1095	AUCAUCUU C ACAUCGAU	9295		27671
9940	1090	CUUCACAU C GAUGGUAG	9296		27672
9947	1083	UCGAUGGU A GGCUUGUC	9297		27673
9952	1078	GGUAGGCU U GUCCUUAG	9298		27674
9955	1075	AGGCUUGU C CUUAGACA	9299		27675
9958	1072	CUUGUCCU U AGACAUGA	9300		27676
9959	1071	UUGUCCUU A GACAUGAU	9301		27677
9968	1062	GACAUGAU A GUCACGCA	9302		27678
9971	1052	AUGAUAGU C ACGCAGCU	9303		27679
9982	1048	GCAGCUGU C GCCUUCGA	9304		27680
9987	1043	UGUCGCCU U CGAGAACC	9305		27681
9988	1042	GUCGCCUU C GAGAACCA	9306		27682
10000	1030	AACCAAAU C CACCCAUG	9307		27683
10010	1020	ACCCAUGU U GCUCCAGA	9308		27684
10014	1016	AUGUUGCU C CAGACACU	9309		27685
10013	1007	CAGACACU C CUUCCAAG	9310		27686
10025	1004	ACACUCCU U CCAAGAAG	9311		27687
10023	1003	CACUCCUU C CAAGAAGU	9312		27688
10036	994	CAAGAAGU C UCUGUUGC	9313		27689
10038	992	AGAAGUCU C UGUUGCUC	9314		27690
10042	988	GUCUCUGU U GCUCAUUC	9315		27691
10046	984	CUGUUGCU C AUUCCAAG	9316		27692
10049	981	UUGCUCAU U CCAAGGCA	9317		27693
10050	980	UGCUCAUU C CAAGGCAG	9318		27694
10060	970	AAGGCAGU U GAAGCUGU	9319		27695
10069	961	GAAGCUGU A AGCUGGGG	9320		27696
10092	938	AAAGCAAU A GCACGACA	9321		27697
10110	920	ACACAACU C UCUGCAUG	9322	CAUGCAGA CUGAUGAG GCCGUUAGGC CGAA AGUUGUGU	27698
10112	918	ACAACUCU C UGCAUGGU	9323	ACCAUGCA CUGAUGAG GCCGUUAGGC CGAA AGAGUUGU	27699
10123	907	CAUGGUGU U GCUCCCAA	9324	UUGGGAGC CUGAUGAG GCCGUUAGGC CGAA ACACCAUG	27700
10127	903	GUGUUGCU C CCAAGCAU	9325	AUGCUUGG CUGAUGAG GCCGUUAGGC CGAA AGCAACAC	27701
10136	894	CCAAGCAU C CAACCAAU	9326	AUUGGUUG CUGAUGAG GCCGUUAGGC CGAA AUGCUUGG	27702
10165	865	CAGGGCAU A UCCAGGGU	9327	ACCCUGGA CUGAUGAG GCCGUUAGGC CGAA AUGCCCUG	27703
10167	863	GGGCAUAU C CAGGGUUC	9328	GAACCCUG CUGAUGAG GCCGUUAGGC CGAA AUAUGCCC	27704
10174	856	UCCAGGGU U CCUCAAGA	9329	UCUUGAGG CUGAUGAG GCCGUUAGGC CGAA ACCCUGGA	27705
10175	855	CCAGGGUU C CUCAAGAU	9330	AUCUUGAG CUGAUGAG GCCGUUAGGC CGAA AACCCUGG	27706
10178	852	GGGUUCCU C AAGAUCCA	9331	UGGAUCUU CUGAUGAG GCCGUUAGGC CGAA AGGAACCC	27707
10184	846	CUCAAGAU C CAUGAUUC	9332	GAAUCAUG CUGAUGAG GCCGUUAGGC CGAA AUCUUGAG	27708
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10192	838	CCAUGAUU C UGUUUUUA	9334	UAAAAACA CUGAUGAG GCCGUUAGGC CGAA AAUCAUGG	27710
10196	834	GAUUCUGU U UUUACCAA	9335	UUGGUAAA CUGAUGAG GCCGUUAGGC CGAA ACAGAAUC	27711
10197	833	AUUCUGUU U UUACCAAA	9336	UUUGGUAA CUGAUGAG GCCGUUAGGC CGAA AACAGAAU	27712
10198	832	UUCUGUUU U UACCAAAU	9337	AUUUGGUA CUGAUGAG GCCGUUAGGC CGAA AAACAGAA	27713
10199	831	UCUGUUUU U ACCAAAUA	9338	UAUUUGGU CUGAUGAG GCCGUUAGGC CGAA AAAACAGA	27714
10200	830	CUGUUUUU A CCAAAUAC	9339	GUAUUUGG CUGAUGAG GCCGUUAGGC CGAA AAAAACAG	27715
10207	823	UACCAAAU A CCUUGUGG	9340	CCACAAGG CUGAUGAG GCCGUUAGGC CGAA AUUUGGUA	27716
10211	819	AAAUACCU U GUGGCCUU	9341	AAGGCCAC CUGAUGAG GCCGUUAGGC CGAA AGGUAUUU	27717
10219	811	UGUGGCCU U GGUGCUGU	9342	ACAGCACC CUGAUGAG GCCGUUAGGC CGAA AGGCCACA	27718
10228	802	GGUGCUGU C CAUCCAAG	9343		27719
10232	798	CUGUCCAU C CAAGCCCC	9344	GGGGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGGACAG	27720
10243	787	AGCCCCCU U CUUGUUCG	9345	CGAACAAG CUGAUGAG GCCGUUAGGC CGAA AGGGGGCU	27721
10244	786	GCCCCCUU C UUGUUCGC	9346	GCGAACAA CUGAUGAG GCCGUUAGGC CGAA AAGGGGGC	27722
10246	784	CCCCUUCU U GUUCGCUA	9347	UAGCGAAC CUGAUGAG GCCGUUAGGC CGAA AGAAGGGG	27723
10249	781	CUUCUUGU U CGCUAGAG	9348	CUCUAGCG CUGAUGAG GCCGUUAGGC CGAA ACAAGAAG	27724
10250	780	UUCUUGUU C GCUAGAGU	9349	ACUCUAGO CUGAUGAG GCCGUUAGGO CGAA AACAAGAA	27725
10254	776	UGUUCGCU A GAGUGCUU	9350	AAGCACUC CUGAUGAG GCCGUUAGGC CGAA AGCGAACA	27726
10262	768	AGAGUGCU U UCUCCGUG	9351	CACGGAGA CUGAUGAG GCCGUUAGGC CGAA AGCACUCU	27727
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10264 766 AGUGCUUU C UCCGUGUG 9353 CACACGGA CUGAUGAG GCCGUUAGGC CGAA AAAGCACU 27729		WO 02/	/068637		PC1/US01/483S0	
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1972 1976	10263	767				
1922 1925 CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	10264	766	AGUGCUUU C UCCGUGUG	9353		
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1929 787 BAGUACIU COACUGA COACUGA 9356 AGGUCAU CUGANIGAG GCGGUIAGGC CUBA A RAGUICA 27733 10302 728 GACUGCAU CUGANIGAG GCGGUIAGGC CUBA A RAGUICA 27733 10302 728 GACUGCAU CUGANIGAG GCGGUIAGGC CUBA A RAGUICA 27735 10304 726 CUGACIGCU U CARUNGACA 9359 CACUCAA CUGANIGAG GCGGUIAGGC CGBA A RAGUACA 27735 10316 714 UGGCGUIA U CARUNGACA 9359 OCACUCA CUGANIGAG GCGGUIAGGC CGBA ARAGCAG 27735 10316 714 UGGCGUIA U CARUNGACA 9350 UGCACCA CUGANIGAG GCGGUIAGGC CGBA ARAGCAG 27735 10316 714 UGGCGUIA CUGAUCAC 9351 GAUGICAC CUGAUGAG GCGGUIAGGC CGBA ARAGCAG 27735 10316 714 UGGCGUIA U CARUNCAC 9351 GAUGICAC CUGAUGAG GCGGUIAGGC CGBA ARAGCAG 27735 10316 714 UGGCGCUIA UCARUCCUI 9361 AGUGIAGA CUGAUGAG GCGGUIAGGC CGBA ARAGCAG 27731 10326 704 UGGCGCAC UCARUCCUI 9364 CAGGUIAG CUGAUGAG GCGGUIAGGC CGBA ARAGCAG 27731 10333 677 UGUUCCAU CARUNCUI 9364 CAGGUIAG CUGAUGAG GCGGUIAGGC CGBA ARAGCAG 27731 10333 677 UGUUCCAU A CUGAUCAU 9365 ACCUCAC CUGAUGAG GCGGUIAGGC CGBA ARAGCAG 27741 10333 677 UGUUCCAU UGUGCAC 9366 CACCAGUIC GUGAUGAG GCGGUIAGGC CGBA ARAGCAG 27741 10334 676 UGCACCAU UGCACCA UGCAUGAG GCGGUIAGGC CGBA ARAGCAG 27741 10335 675 GCGGACUI UGUGCAC CGGUIAGG GCGGUIAGGC CGBA ARAGCAG 27741 10355 675 GCGGACUI UGUGCAC CGGUIAGG CGGUIAGGC CGBA ARAGCAG 27741 10355 675 GCGGAUGUI UGUGCAC CGGUIAGG CGGUIAGGC CGBA ARAGCAG 27741 10355 675 GCGAUGUI UGUGCAC CGGUIAGG CGGUIAGGC CGBA ARAGCAG 27741 10355 675 GCGAUGUI UGUGCAC CGGUIAGG CGGUIAGGC CGBA ARAGCAG 27741 10355 675 GCGAUGUI UGUGCAC CGGUIAGG CGGUIAGGC CGBA ARAGCAG 27741 10355 675 GCGAUGUI UGUGCAC CGGUIAGG CGGUIAGGC CGBA ARAGCAG 27741 10355 675 GCGAUGUI UGUGCAC CGGUIAGG CGGUIAGGC CGBA ARAGCAG 27741 10355 675 GCGAUGUI UGUCCAC CGGUIAGGC CGGA ARAGCAG CGGUIAGGC CGGA ARAGCAG	10274	756	CCGUGUGU C UGCACUGU	9355		27731
1992 738 AGUIGACU C GAACUGG 9357 CGCAUGG CUGAUGA GCCGUUAGG CCAA ACGUCACU 27731 19304 726 CUGCGUCU U GAUGAGGG 9359 CGCACUC CUGAUGAG GCCGUUAGG CCAA ACGUCACU 27731 19316 714 UGGCGUCU U GAUGAGGG 9359 CGCACUC CUGAUGAG GCCGUUAGG CGAA ACGUCACU 27731 19316 712 GCGUUCU U GAUGAGGG 9359 CGCACUC CUGAUGAG GCCGUUAGGC CGAA ACGUCACU 27731 19316 712 GCGUUCU U GAUGAGGG 9359 GCGACUC CUGAUGAG GCCGUUAGGC CGAA ACGUCACU 27731 19316 712 GCGUUCU U CUGAUCCU 9361 GAUGAGAC CUGAUGAG GCCGUUAGGC CGAA ACGUCACU 27731 19326 702 GUUCCAUC U CAUACUU 9361 AGUIAUGG CUGAUGAG CCGUUAGGC CGAA ACGUCACU 27731 19329 701 UGCAUCUU U CCAUACUU 9364 CAGGUUAGG CUGAUGAG CCGUUAGGC CGAA ACGUCACU 27731 19329 701 UGCAUCUU U CAUACUU 9364 CAGGUUAGG CUGAUGAG CCGUUAGGC CCAACAGGC 27740 19331 676 UGCACACU U GAUCACUC 9366 CACGUUAGGG CUGAUGAG CCGUUAGGC CCGAACAGGC 27740 19334 676 UGCACACU U GAUCACUC 9366 CACGUUAGGG CCGAACAGGC CCGAACAGGC 27741 19335 676 UCCACACUC U GAUCACUC 9366 CACGUUAGGG CCGAACAGGC CCGAACAGGC 27741 19337 655 GUCACACU U GAUCACUC 9369 AACCUCACUC CUGAUGAG CCGAACAGGC CCCAACAGGC CCCAACA		747	UGCACUGU C AGUGACCU	9356	AGGUCACU CUGAUGAG GCCGUUAGGC CGAA ACAGUGCA	27732
1975 728				9357	CGCAGUCG CUGAUGAG GCCGUUAGGC CGAA AGGUCACU	27733
1931 714						27734
10316 714						27735
						27736
10316 714						
1932 702	10318					
10329 701	10326	704				
10333 697	10328	702				
10312 668	10329	701		9364		
10354 676	10333	697	UCUUCCAU A CCUGACGU	9365		
10355 675 GCUGACCUU U GUGCACCA 9358 UGGUGCAC CUGAUGAG GCCGULAGGC COAA AAGUCCAC 27744 10366 661 CCCAACAGU C GUAAGUCCU 9370 AAGACAUC CUGAUGAG GCCGULAGGC COAA ACGUCCAC 27745 10376 655 GUCCACGUU C UUCCAGAU 9370 AACACAUC CUGAUGAG GCCGULAGGC CAA ACGUCCAC 27746 10377 653 COAUGUCU U CUGAGUCA 9371 UGAUCCAG CUGAUGAG GCCGULAGGC CAA ACGUCCAC 27747 10377 653 COAUGUCU U CUGAGUCA 9371 UGAUCCAG CUGAUGAG GCCGULAGGC CAA ACGUCCAC 27747 10377 653 COAUGUCU U CUGAGUCA 9372 AUGAUCAC CUGAUGAG GCCGULAGGC CAA ACGUCCAC 27747 10377 653 COAUGUCU U CUGAGUCA 9372 AUGAUCAC QUGAUGAG GCCGULAGGC CAA AACAUCCAC 27747 10387 655 UCCAGCAG 9373 CUGGUCAG CUGAUGAG GCCGULAGGC CAA AAGACAUC 27751 10387 643 UGGAUCAU A ACGCCCG 9374 CUGAUGAG GCCGULAGGC CAA AAGACAUC 27751 10388 642 GGAUCAUU A ACGCCCA 9375 UCCGCUGG CUGAUGAG GCCGULAGGC CAA AAGACAUC 27751 10410 620 CUCGGCCAU U CAUAAGUG 9377 UCCAUALU CUGAUGAG GCCGULAGGC CAA AAUGAUCA 27751 10411 619 UGGGCCAU U CAUAAGUG 9377 UCCAUALU CUGAUGAG GCCGULAGGC CAA AAUGAUCA 27751 10411 619 UGGGCCAU U CAUAAGUGA 9377 UCACUALU CUGAUGAG GCCGULAGGC CAA AAUGAUCA 27751 10411 619 UGGGCCAU A GUCAUCAU 9379 CUACUALU CUGAUGAG GCCGULAGGC CAA AAUGAUCA 27751 10411 619 UGGGCCAU A GUCAUCAU 9379 CUACUALU CUGAUGAG GCCGULAGGC CAA AAUGAUCA 27751 10411 619 UGGGCCAU A GUCAUCAU 9379 CUACUALU CUGAUGAG GCCGULAGGC CAA AAUGAUCA 27751 10411 619 UGGGCCAU A GUCAUCAU 9379 CUACUALU CUGAUGAG GCCGULAGGC CAA AAUGAUCA 27751 10411 619 UGGGCCAU A GUCAUCAU 9379 CUACUALU 9379 CUACUALU CUGAUGAG GCCGULAGGC CAA AUGAUCA 27751 10411 619 UGGGCCAU A GUCAUCAU 9379 CUACUAUCAU GUCAUCAG GCCGULAGGC CAA AUGAUCA 27751 10411 619 UGGGCAU CUACUAGA GCCGULAGGC CAA AUGAUCA 27751 10411 619 UGGGCAU CUACUAGA GCCGULAGGC CAA AUGAUCA 27751 10412 609 CUACUAGA AGUCAUCA 9338 AUGAUGAG CUGAUGAG GCCGULAGGC CAA AUGAUCA 27751 10412 601 AGUAUCA CUCACAU 9381 AUGAUGAG CUGAUGAG GCCGULAGGC CAA AUGAUCA 27751 10412 601 AGUAUCA CUCACAU 9381 AUGAUGAG CUGAUGAG GCCGULAGGC CAA AUGAUCAU 27751 10412 601 AGUAUCA CUCACAU 9401 AUGACAUC CUCACAU 9401 AUGACAU CUCACAU 9401 AUGACAUC CUCACAU 9401 AUGACAUC CUCACAU 9401 A	10342	688	CCUGACGU A GACUGCUG	9366		
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19356 661		675	GCUGACUU U GUGCACCA	9368	UGGUGCAC CUGAUGAG GCCGUUAGGC CGAA AAGUCAGC	27744
10377 655				9369	AAGACAUC CUGAUGAG GCCGUUAGGC CGAA ACUGUUGG	27745
10377 653					AUCCAGAA CUGAUGAG GCCGUUAGGC CGAA ACAUCGAC	27746
10376 652			l			27747
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10440 590	10429					
10447 583 UCCCACAU C CAUUGCUC 9385 GAGCARIG CUGAUGAG GCCGUUAGGC CGAA AUGUAGGA 27761	10438					
10451 579	10440	590				
10455 575 CCAUUGCU C UGACAAUG 9387 CAUUGUCA CUGAUGAG CCGUUAGGC CGAA AGCAAUGG 27761	10447	583				
10467 563 CAAUGCAU A GGUUCUUU 9388 AAAGAAC CUGAUGAG GCCGUUAGG CGAA AUGCAUUG 27764 10471 559 GCAUAGGU U CUUUCCAG 9389 CUGGAAA CUGAUGAG GCCGUUAGG CGAA ACCUAUGC 27765 10472 558 CAUAGGU U UUCCAGC 9390 GCUGGAAA CUGAUGAG GCCGUUAGG CGAA ACCUAUGC 27765 10475 556 UAGGUUCU U UCCAGCAG 9391 CUGGUGGA CUGAUGAG GCCGUUAGG CGAA AACCUAU 27767 10475 555 AGGUUCUU U CCAGCAG 9392 GCUGGUGG CUGAUGAG GCCGUUAGG CGAA AAGAACCU 27767 10475 555 AGGUUCUU U CCAGCAG 9393 AGCUGCUG CUGAUGAG GCCGUUAGG CGAA AAGAACCU 27769 10476 554 GGUUCUU U CCAGCAGCU 9393 AGCUGCUG CUGAUGAG GCCGUUAGG CGAA AAGAACCU 27769 10487 543 GCAGCUGU U GGAAUCGU 9394 ACGAUUCC CUGAUGAG GCCGUUAGGC CGAA AAGAACC 27770 10493 537 GUUGGAAU C GUGAUGAC 9395 GUCAUCCA CUGAUGAG GCCGUUAGGC CGAA AUUCCAAC 27771 10504 526 GAUGACAU C UGUGACGU 9396 ACGUCACA CUGAUGAG GCCGUUAGGC CGAA AUUCCAAC 27771 10513 517 UGUGACGU C AGUAGCAU 9398 GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA ACGUCAC 27773 10517 513 ACGUCACU A GCAUCUAC 9398 GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA ACGUCAC 27775 10522 508 AGUAGCAU U UACCGUCA 9399 UGACGGU CUGAUGAG GCCGUUAGGC CGAA ACGUCAC 27775 10523 507 GUAGCAU U ACCGUCA 9399 UGACGGU CUGAUGAG GCCGUUAGGC CGAA AUGCUAC 27775 10523 507 GUAGCAUU A CCGUCAU 9400 AUGACGGU CUGAUGAG GCCGUUAGGC CGAA AUGCUAC 27776 10524 506 UAGCAUU A CCGUCAU 9400 AUGACGGU CUGAUGAG GCCGUUAGGC CGAA AUGCUAC 27776 10529 501 UUUACCGU C AUCAUCAC 9402 GUGAUGAG GCCGUUAGGC CGAA AUGCUAC 27776 10532 498 ACCGUCAU C AUCAUCAC 9402 GUGAUGAG GCCGUUAGGC CGAA AUGCUAC 27776 10532 498 ACCGUCAU C AUCAUCAC 9402 GUGAUGAG GCCGUUAGGC CGAA AUGCUAC 27776 10532 498 ACCGUCAU C AUCAUCAC 9404 GGAAGGG CUGAUGAG GCCGUUAGGC CGAA AUGCUAC 27777 10539 501 UUUACCGU C AUCAUCAC 9404 GGAAGGG CUGAUGAG GCCGUUAGGC CGAA AUGCUAC 27778 10544 489 AUCACCUU C CUCUUGGA 9405 UCCAAGG CUGAUGAG GCCGUUAGGC CGAA AUGAUGAC 277	10451	579			000.00.00	
10471 559	10455	575				
10472 558	10467	563	CAAUGCAU A GGUUCUUU	9388		
10472 556	10471	559	GCAUAGGU U CUUUCCAG	9389		
10475 555 AGGUUCUU U CCAGCAGC 9392 GCUGCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAACCU 27768 10476 554 GGUUCUUU C CAGCAGCU 9393 AGCUGCUG CUGAUGAG GCCGUUAGGC CGAA AAAGAACC 27769 10487 543 GCAGCUGU U GGAAUCGU 9394 ACGAUUCC CUGAUGAG GCCGUUAGGC CGAA ACAGCUGC 27770 10493 537 GUUGGAAU C GUGAACC 9395 GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA ACAGCUGC 27771 10504 526 GAUGACAU C UGUGACGU 9396 ACGUCACA CUGAUGAG GCCGUUAGGC CGAA AUGUCAAC 27771 10513 517 UGUGACGU C AGUAGCAU 9397 AUGCUACU CUGAUGAG GCCGUUAGGC CGAA AUGUCACA 27773 10517 513 ACGUCAGU A GCAUUUAC 9398 GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA ACGUCACA 27773 10522 508 AGUAGCAU U UACCGUCA 9399 UGACGGUA CUGAUGAG GCCGUUAGGC CGAA ACGUCACA 27775 10523 507 GUAGCAUU U ACCGUCA 9399 UGACGGUA CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 27776 10524 506 UAGCAUU U ACCGUCAU 9401 GAUGACGU CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 27776 10529 501 UUUACCGU C AUCAUCAC 9402 GUGAUGAU CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 27777 10529 501 UUUACCGU C AUCAUCAC 9402 GUGAUGAU CUGAUGAG GCCGUUAGGC CGAA AAUGCUA 27777 10535 498 ACCGUCAU C AUCACCUU 9403 AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AAUGCUA 27777 10535 495 GUCAUCAU C AUCACCUU 9403 AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27778 10534 498 ACCGUCAU C AUCACCUU 9403 AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27778 10544 489 AUCACCUU C CUGAUGA 9405 UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27781 10544 489 AUCACCUU C CUCAUGAA 9405 UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27781 10544 489 AUCACCUU C CUCAUGAA 9405 UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AUGACGAU 27781 10545 485 CUUCCCU U GGAAGGU 9407 UAACUUCC CUGAUGAG GCCGUUAGGC CGAA AGGUGAU 27782 10552 478 UUGAAGGU D AGAGAGGG 9408 CCCUCCU CUGAUGAG GCCGUUAGGC CGAA AGGUGAU 27784 10553 477 UGGAAGUU A GAGAGGGU 9409 ACCCUCU CUGAUGAG GCCGUUAGGC CGAA AGCUCCCA 27786 10552 478 UAGAGGGU A ACUCCCC 9410	10472	558	CAUAGGUU C UUUCCAGC	9390		
10476 554	10474	556	UAGGUUCU U UCCAGCAG	9391		
10487 543 GCAGCUGU U GGAAUCGU 9394 ACGAUUCC CUGAUGAG GCCGUUAGGC CGAA ACAGCUGC 27770	10475	555	AGGUUCUU U CCAGCAGC			
10493 537 GUUGAAU C GUGAUGAC 9395 GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA AUUCCAAC 27771 10504 526 GAUGACAU C UGUGACGU 9396 ACGUCACA CUGAUGAG GCCGUUAGGC CGAA AUGUCAUC 27772 10513 517 UGUGACGU C AGUAGCAU 9397 AUGCUACU CUGAUGAG GCCGUUAGGC CGAA ACGUCACA 27773 10517 513 ACGUCAGU A GCAUUUAC 9398 GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA ACGUCACA 27774 10522 508 AGUAGCAU U UACCGUCA 9399 UGACGGUA CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 27775 10523 507 GUAGCAUU U ACCGUCAU 9400 AUGACGGU CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 27776 10524 506 UAGCAUUU A CCGUCAUC 9401 GAUGACGG CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 27777 10529 501 UUUACCGU C AUCAUCAC 9402 GUGAUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27777 10532 498 ACCGUCAU C CUCACCCU 9403 AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27779 10535 495 GUCAUCAU C ACCUUCCC 9404 GGGAAGGU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 277780 10540 490 CAUCACCU U CCCUUGGA 9405 UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 277780 10541 489 AUCACCUU C CCUUGGA 9406 UUCCAAGG CUGAUGAG GCCGUUAGGC CGAA AUGAUGAU 27778 10545 485 CCUUCCCU U GGAAGUUA 9407 UAACUUCC CUGAUGAG GCCGUUAGGC CGAA AUGAUGAU 27782 10552 478 UUGGAAGU U AGAGAGGG 9408 CCCUCUC CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27784 10553 477 UGGAAGUU A AGAGAGGG 9408 CCCUCUC CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27785 10562 468 GAGAGGGU A ACUGCUCC 9410 GAGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27786 10569 461 UAACUGCU C CUACGCUG 9411 CAGCGUAG GCCGUUAGGC CGAA ACCUUCCA 27786 10572 458 CUGCUCCU A CGCUGCG 9412 CGCCAGCG CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27786 10572 458 CUGCUCCU A CGCUGCG 9412 CGCCAGCG CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27786 10572 458 CUGCUCCU A CGCUGCG	10476	554	GGUUCUUU C CAGCAGCU	9393		27769
10493 537 GUUGGAAU C GUGAUGAC 9395 GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA AUUCCAAC 27771 10504 526 GAUGACAU C UGUGACGU 9396 ACGUCACA CUGAUGAG GCCGUUAGGC CGAA AUGUCAUC 27772 10513 517 UGUGACGU C AGUAGCAU 9397 AUGCUACU CUGAUGAG GCCGUUAGGC CGAA ACGUCACA 27773 10517 513 ACGUCAGU A GCAUUUAC 9398 GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA ACGUCACA 27774 10522 508 AGUAGCAU U UACCGUCA 9399 UGACGGUA CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 27775 10523 507 GUAGCAUU U ACCGUCAU 9400 AUGACGGU CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 27776 10524 506 UAGCAUUU A CCGUCAUC 9401 GAUGACGG CUGAUGAG GCCGUUAGGC CGAA AUGCUAC 27777 10529 501 UUUACCGU C AUCAUCAC 9402 GUGAUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27777 10532 498 ACCGUCAU C AUCAUCAC 9403 AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27778 10532 498 ACCGUCAU C AUCAUCCC 9404 GGGAAGGU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27778 10535 495 GUCAUCAU C AUCUCCC 9404 GGGAAGGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGAC 27778 10545 485 GUCAUCAU C CCUUGGA 9405 UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AUGAUGAC 27781 10545 485 CUUCCCU U GGAAGUUA 9407 UAACUUCC CUGAUGAG GCCGUUAGGC CGAA AUGAUGAU 27782 10545 485 CUUCCCU U GGAAGUUA 9407 UAACUUCC CUGAUGAG GCCGUUAGGC CGAA AUGAUGAU 27784 10553 477 UGGAAGUU A GAGAGGG 9408 CCCUCUC CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27786 10562 468 GAGAGGU A ACUGCUCC 9410 GGAGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27786 10562 468 GAGAGGGU A ACUGCUCC 9410 GGAGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27786 10562 468 GAGAGGGU A ACUGCUCC 9410 GGAGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27786 10569 461 UAACUGCU C CUACGCUG 9410 GGAGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27786 10569 461 UAACUGCU C CUACGCUG 9411 CAGCGUAG GCGU			GCAGCUGU U GGAAUCGU	9394		27770
10504 526		+	GUUGGAAU C GUGAUGAC	9395	GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA AUUCCAAC	27771
10513 517 UGUGACGU C AGUAGCAU 9397 AUGCUACU CUGAUGAG GCCGUUAGGC CGAA ACGUCACA 27773 10517 513 ACGUCAGU A GCAUUUAC 9398 GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA ACUGACGU 27774 10522 508 AGUAGCAU U UACCGUCA 9399 UGACGGUA CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 27775 10523 507 GUAGCAUU U ACCGUCAU 9400 AUGACGGU CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 27776 10524 506 UAGCAUUU A CCGUCAUC 9401 GAUGACGG CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 27777 10529 501 UUUACCGU C AUCAUCAC 9402 GUGAUGAU CUGAUGAG GCCGUUAGGC CGAA ACGGUAAA 27778 10532 498 ACCGUCAU C AUCACCUU 9403 AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27779 10535 495 GUCAUCAU C ACCUUCCC 9404 GGGAAGGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGAC 27780 10540 490 CAUCACCU U CCCUUGGA 9405 UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AGGUGAU 27781 10541 489 AUCACCUU C CCUUGGAA 9406 UUCCAAGG CUGAUGAG GCCGUUAGGC CGAA AGGUGAU 27782 10545 485 <td< td=""><td></td><td></td><td>GAUGACAU C UGUGACGU</td><td>9396</td><td></td><td>27772</td></td<>			GAUGACAU C UGUGACGU	9396		27772
10517 513 ACGUCAGU A GCAUUUAC 9398 GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA ACUGACGU 27774 10522 508 AGUAGCAU U UACCGUCA 9399 UGACGGUA CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 27775 10523 507 GUAGCAUU U ACCGUCAU 9400 AUGACGGU CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 27776 10524 506 UAGCAUUU A CCGUCAUC 9401 GAUGACGG CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 27777 10529 501 UUUACCGU C AUCAUCAC 9402 GUGAUGAU CUGAUGAG GCCGUUAGGC CGAA ACGGUAAA 27778 10532 498 ACCGUCAU C AUCACCUU 9403 AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27779 10535 495 GUCAUCAU C ACCUUCCC 9404 GGGAAGGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGAC 27780 10540 490 CAUCACCU U CCCUUGGA 9405 UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AGGUGAUG 27781 10541 489 AUCACCUU C CCUUGGA 9406 UUCCAAGG CUGAUGAG GCCGUUAGGC CGAA AGGUGAU 27782 10545 485 CCUUCCCU U GGAAGUUA 9407 UAACUUCC CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27784 </td <td></td> <td></td> <td></td> <td>9397</td> <td>AUGCUACU CUGAUGAG GCCGUUAGGC CGAA ACGUCACA</td> <td>27773</td>				9397	AUGCUACU CUGAUGAG GCCGUUAGGC CGAA ACGUCACA	27773
10522 508 AGUAGCAU U UACCGUCA 9399 UGACGGUA CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 27775 10523 507 GUAGCAUU U ACCGUCAU 9400 AUGACGGU CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 27776 10524 506 UAGCAUUU A CCGUCAUC 9401 GAUGACGG CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 27777 10529 501 UUUACCGU C AUCAUCAC 9402 GUGAUGAU CUGAUGAG GCCGUUAGGC CGAA ACGGUAAA 27778 10532 498 ACCGUCAU C AUCACCUU 9403 AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27779 10535 495 GUCAUCAU C ACCUUCCC 9404 GGGAAGGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGAC 27780 10540 490 CAUCACCU U CCCUUGGA 9405 UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AGGUGAUG 27781 10541 489 AUCACCUU C CCUUGGAA 9406 UUCCAAGG CUGAUGAG GCCGUUAGGC CGAA AAGGUGAU 27782 10545 485 CCUUCCCU U GGAAGUUA 9407 UAACUUCC CUGAUGAG GCCGUUAGGC CGAA AGGUGAU 27783 10552 478 UUGGAAGU U AGAGAGGG 9408 CCCUCUCU CUGAUGAG GCCGUUAGGC CGAA ACGUCCAA 27784 10553 477 UGGAAGUU A GAGAGGGU 9409 ACCCUCUC CUGAUGAG GCCGUUAGGC CGAA ACCUCCCAA 27785 10562 468 GAGAGGGU A ACUGCUCC 9410 GGAGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUCCCA 27786 10569 461 UAACUGCU C CUACGCUG 9411 CAGCGUAG GCCGUUAGGC CGAA ACCUCCC 27788 10572 458 CUGCUCCU A CGCUGCG 9412 CGCCAGGG CUGAUGAG GCCGUUAGGC CGAA ACCUCCCA 27788						27774
10523 507 GUAGCAUU U ACCGUCAU 9400 AUGACGGU CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 27776 10524 506 UAGCAUUU A CCGUCAUC 9401 GAUGACGG CUGAUGAG GCCGUUAGGC CGAA AAAUGCUA 27777 10529 501 UUUACCGU C AUCAUCAC 9402 GUGAUGAU CUGAUGAG GCCGUUAGGC CGAA ACGGUAAA 27778 10532 498 ACCGUCAU C AUCACCUU 9403 AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 27779 10535 495 GUCAUCAU C ACCUUCCC 9404 GGGAAGGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGAC 27780 10540 490 CAUCACCUU CCCUUGGA 9405 UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AGGUGAUG 27781 10541 489 AUCACCUU C CCUUGGAA 9406 UUCCAAGG CUGAUGAG GCCGUUAGGC CGAA AAGGUGAU 27782 10545 485 CCUUCCCU U GGAAGUUA 9407 UAACUUCC CUGAUGAG GCCGUUAGGC CGAA AGGUGAU 27782 10552 478 UUGGAAGU U AGAGAGGG 9408 CCCUCUCU CUGAUGAG GCCGUUAGGC CGAA ACGUCCAA 27784 10553 477 UGGAAGUU A GAGAGGGU 9409 ACCCUCUC CUGAUGAG GCCGUUAGGC CGAA ACCUUCCAA 27785 10562 468 GAGAGGGU A ACUGCUCC 9410 GGAGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27786 10569 461 UAACUGCU C CUACGCUG 9411 CAGCGUAG CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27787 10572 458 CUGCUCCU A CGCUGGCG 9412 CGCCAGGG CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA 27788						27775
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	10569	461		+		
10583 447 CUGGCGAU C AGGCCAAU 9413 AUUGGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGCCAG 27789	10572	458		 		
	10583	447	CUGGCGAU C AGGCCAAU	9413	AUUGGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGCCAG	27789

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		100000111101010100		GCAGUCAU CUGAUGAG GCCGUUAGGC CGAA AUUGGCCU	27790
10592	438	AGGCCAAU C AUGACUGC	9414	AAGACCGG CUGAUGAG GCCGUUAGGC CGAA AUUGCAGU	27791
10604	426	ACUGCAAU U CCGGUCUU	9415	AAGACCG CUGAUGAG GCCGUUAGGC CGAA AAUUGCAG	
10605	425	CUGCAAUU C CGGUCUUU	9416		27792
10610	420	AUUCCGGU C UUUCCUCC	9417	GGAGGAAA CUGAUGAG GCCGUUAGGC CGAA ACCGGAAU	27793
10612	418	nccedncn n nccnccnc	9418	GAGGAGGA CUGAUGAG GCCGUUAGGC CGAA AGACCGGA	27794
10613	417	CCGGUCUU U CCUCCUCU	9419	AGAGGAGG CUGAUGAG GCCGUUAGGC CGAA AAGACCGG	27795
10614	416	CGGUCUUU C CUCCUCUU	9420	AAGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAAGACCG	27796
10617	413	nchinech e chennine	9421	GAAAAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAAAGA	27797
10620	410	UUCCUCCU C UUUUCUUU	9422	AAAGAAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGGAA	27798
10622	408	CCUCCUCU U UUCUUUUG	9423	CAAAAGAA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGG	27799
10623	407	CUCCUCUU U UCUUUUGU	9424	ACAAAAGA CUGAUGAG GCCGUUAGGC CGAA AAGAGGAG	27800
10624	406	nccncnnn n cnnnnenn	9425	AACAAAAG CUGAUGAG GCCGUUAGGC CGAA AAAGAGGA	27801
		CCUCUUUU C UUUUGUUU	9426	AAACAAAA CUGAUGAG GCCGUUAGGC CGAA AAAAGAGG	27802
10625	405		9427	CAAAACAA CUGAUGAG GCCGUUAGGC CGAA AGAAAAGA	27803
10627	403	UCUUUUCU U UUGUUUUG		UCAAAACA CUGAUGAG GCCGUUAGGC CGAA AAGAAAAG	27804
10628	402	CUUUUCUU U UGUUUUGA	9428	CUCAAAACA CUGAUGAG GCCGUUAGGC CGAA AAAGAAAA	27805
10629	401	UUUUCUUU U GUUUUGAG	9429		
10632	398	UCUUUUGU U UUGAGCUC	9430	GAGCUCAA CUGAUGAG GCCGUUAGGC CGAA ACAAAAGA	27806
10633	397	CUUUUGUU U UGAGCUCC	9431	GGAGCUCA CUGAUGAG GCCGUUAGGC CGAA AACAAAAG	27807
10634	396	UUUUGUUU U GAGCUCCG	9432	CGGAGCUC CUGAUGAG GCCGUUAGGC CGAA AAACAAAA	27808
10640	390	UUUGAGCU C CGCCGAUU	9433	AAUCGGCG CUGAUGAG GCCGUUAGGC CGAA AGCUCAAA	27809
10648	382	CCGCCGAU U GAUAGCAC	9434	GUGCUAUC CUGAUGAG GCCGUUAGGC CGAA AUCGGCGG	27810
10652	378	CGAUUGAU A GCACUGGU	9435	ACCAGUGC CUGAUGAG GCCGUUAGGC CGAA AUCAAUCG	27811
10661	369	GCACUGGU C AAGGUCCC	9436	GGGACCUU CUGAUGAG GCCGUUAGGC CGAA ACCAGUGC	27812
10667	363	GUCAAGGU C CCUAGUUC	9437	GAACUAGG CUGAUGAG GCCGUUAGGC CGAA ACCUUGAC	27813
10671	359	AGGUCCCU A GUUCCUUC	9438	GAAGGAAC CUGAUGAG GCCGUUAGGC CGAA AGGGACCU	27814
10674	356	UCCCUAGU U CCUUCUUA	9439	UAAGAAGG CUGAUGAG GCCGUUAGGC CGAA ACUAGGGA	27815
10675	355	CCCUAGUU C CUUCUUAA	9440	UUAAGAAG CUGAUGAG GCCGUUAGGC CGAA AACUAGGG	27816
	352	UAGUUCCU U CUUAAAAC	9441	GUUUUAAG CUGAUGAG GCCGUUAGGC CGAA AGGAACUA	27817
10678			9442	AGUUUUAA CUGAUGAG GCCGUUAGGC CGAA AAGGAACU	27818
10679	351	AGUUCCUU C UUAAAACU		UGAGUUUU CUGAUGAG GCCGUUAGGC CGAA AGAAGGAA	27819
10681	349	UUCCUUCU U AAAACUCA	9443		27820
10682	348	UCCUUCUU A AAACUCAG	9444		27821
10688	342	UUAAAACU C AGAAGGUG	9445	CACCUUCU CUGAUGAG GCCGUUAGGC CGAA AGUUUUAA	
10698	332	GAAGGUGU U UCAUCGCU	9446	AGCGAUGA CUGAUGAG GCCGUUAGGC CGAA ACACCUUC	27822
10699	331	AAGGUGUU U.CAUCGCUG	9447	CAGCGAUG CUGAUGAG GCCGUUAGGC CGAA AACACCUU	27823
10700	330	AGGUGUUU C AUCGCUGU	9448	ACAGCGAU CUGAUGAG GCCGUUAGGC CGAA AAACACCU	27824
10703	327	UGUUUCAU C GCUGUUUG	9449	CAAACAGC CUGAUGAG GCCGUUAGGC CGAA AUGAAACA	27825
10709	321	AUCGCUGU U UGUUUGUU	9450	AACAAACA CUGAUGAG GCCGUUAGGC CGAA ACAGCGAU	27826
10710	320	UCGCUGUU U GUUUGUUC	9451	GAACAAAC CUGAUGAG GCCGUUAGGC CGAA AACAGCGA	27827
10713	317	CUGUUUGU U UGUUCACA	9452	UGUGAACA CUGAUGAG GCCGUUAGGC CGAA ACAAACAG	27828
10714	316	UGUUUGUU U GUUCACAC	9453	GUGUGAAC CUGAUGAG GCCGUUAGGC CGAA AACAAACA	27829
10717	313	UUGUUUGU U CACACCUC	9454	GAGGUGUG CUGAUGAG GCCGUUAGGC CGAA ACAAACAA	27830
10718	1	UGUUUGUU C ACACCUCU	9455	AGAGGUGU CUGAUGAG GCCGUUAGGC CGAA AACAAACA	27831
10725		UCACACCU C UCCAUCGA	9456	UCGAUGGA CUGAUGAG GCCGUUAGGC CGAA AGGUGUGA	27832
10727	+	ACACCUCU C CAUCGAUC	9457	GAUCGAUG CUGAUGAG GCCGUUAGGC CGAA AGAGGUGU	27833
10731		CUCUCCAU C GAUCCAGC	9458	GCUGGAUC CUGAUGAG GCCGUUAGGC CGAA AUGGAGAG	27834
		CCAUCGAU C CAGCACUG	9459	CAGUGCUG CUGAUGAG GCCGUUAGGC CGAA AUCGAUGG	27835
10735	295			UCCGACCC CUGAUGAG GCCGUUAGGC CGAA AGCAGUGC	27836
10746		GCACUGCU C GGGUCGGA	9460	AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCAGAGC	27837
10751		GCUCGGGU C GGAGCAAU	9461		27838
10760		GGAGCAAU U GCUGUGAA	9462	UUCACAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUCC	
10800	-	ACACAAAU C GUAUUGGC	9463	GCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AUUUGUGU	27839
10803		CAAAUCGU A UUGGCCCC	9464	GGGGCCAA CUGAUGAG GCCGUUAGGC CGAA ACGAUUUG	27840
10805	225	AAUCGUAU U GGCCCCUU	9465	AAGGGGCC CUGAUGAG GCCGUUAGGC CGAA AUACGAUU	27841
10813	217	UGGCCCCU U GCCGUCGA	9466	UCGACGGC CUGAUGAG GCCGUUAGGC CGAA AGGGGCCA	27842
10819	211	CUUGCCGU C GAUCAGGC	9467	GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA ACGGCAAG	27843
10823	207	CCGUCGAU C AGGCUCAA	9468	UUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGACGG	27844
10829		AUCAGGCU C AACAUAGC	9469	GCUAUGUU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU	27845
10835		CUCAACAU A GCCCUCUU	9470	AAGAGGGC CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG	27846
10841		AUAGCCCU C UUCAGUCC	9471	GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGCUAU	27847
10843		AGCCCUCU U CAGUCCAA	9472	UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU	27848
10844	+	GCCCUCUU C AGUCCAAU	9473	AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGGC	27849
			9474	CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA	27850
10848		UCUUCAGU C CAAUCAAG			27851
10853	177	AGUCCAAU C AAGGACAA	9475	UUGUCCUU CUGAUGAG GCCGUUAGGC CGAA AUUGGACU	12/031

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				0 1 22	
10874	156	CGGGGCAU U CCGCGUUU	9476	AAACGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCCCCG	27852
10875	155	GGGGCAUU C CGCGUUUU	9477	AAAACGCG CUGAUGAG GCCGUUAGGC CGAA AAUGCCCC	27853
10881	149	UUCCGCGU U UUAGCAUA	9478	UAUGCUAA CUGAUGAG GCCGUUAGGC CGAA ACGCGGAA	27854
10882	148	UCCGCGUU U UAGCAUAU	9479	AUAUGCUA CUGAUGAG GCCGUUAGGC CGAA AACGCGGA	27855
10883	147	CCGCGUUU U AGCAUAUU	9480	AAUAUGCU CUGAUGAG GCCGUUAGGC CGAA AAACGCGG	27856
10884	146	CGCGUUUU A GCAUAUUG	9481	CAAUAUGC CUGAUGAG GCCGUUAGGC CGAA AAAACGCG	27857
10889	141	UUUAGCAU A UUGACAGC	9482	GCUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUAAA	27858
10891	139	UAGCAUAU U GACAGCCC	9483	GGGCUGUC CUGAUGAG GCCGUUAGGC CGAA AUAUGCUA	27859
10904	126	GCCCGGCU C UUGCCGGG	9484	CCCGGCAA CUGAUGAG GCCGUUAGGC CGAA AGCCGGGC	27860
10906	124	CCGGCUCU U GCCGGGCC	9485	GGCCCGGC CUGAUGAG GCCGUUAGGC CGAA AGAGCCGG	27861
10917	113	CGGGCCCU C CUGGUUUC	9486	GAAACCAG CUGAUGAG GCCGUUAGGC CGAA AGGGCCCG	27862
10923	107	CUCCUGGU U UCUUAGAC	9487	GUCUAAGA CUGAUGAG GCCGUUAGGC CGAA ACCAGGAG	27863
10924	106	UCCUGGUU U CUUAGACA	9488	UGUCUAAG CUGAUGAG GCCGUUAGGC CGAA AACCAGGA	27864
10925	105	CCUGGUUU C UUAGACAU	9489	AUGUCUAA CUGAUGAG GCCGUUAGGC CGAA AAACCAGG	27865
10927	103	UGGUUUCU U AGACAUCG	9490	CGAUGUCU CUGAUGAG GCCGUUAGGC CGAA AGAAACCA	27866
10928	102	GGUUUCUU A GACAUCGA	9491	UCGAUGUC CUGAUGAG GCCGUUAGGC CGAA AAGAAACC	27867
10934	96	UUAGACAU C GAGAUCUU	9492	AAGAUCUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUAA	27868
10940	90	AUCGAGAU C UUCGUGCU	9493	AGCACGAA CUGAUGAG GCCGUUAGGC CGAA AUCUCGAU	27869
10942	88	CGAGAUCU U CGUGCUAA	9494	UUAGCACG CUGAUGAG GCCGUUAGGC CGAA AGAUCUCG	27870
10943	87	GAGAUCUU C GUGCUAAG	9495	CUUAGCAC CUGAUGAG GCCGUUAGGC CGAA AAGAUCUC	27871
10949	81	UUCGUGCU A AGAAACAG	9496	CUGUUUCU CUGAUGAG GCCGUUAGGC CGAA AGCACGAA	27872
10960	70	AAACAGCU C GCACUGUG	9497	CACAGUGC CUGAUGAG GCCGUUAGGC CGAA AGCUGUUU	27873
10970	60	CACUGUGU U AAUUGUUG	9498	CAACAAUU CUGAUGAG GCCGUUAGGC CGAA ACACAGUG	27874
10971	59	ACUGUGUU A AUUGUUGU	9499	ACAACAAU CUGAUGAG GCCGUUAGGC CGAA AACACAGU	27875
10974	56	GUGUUAAU U GUUGUUAA	9500	UUAACAAC CUGAUGAG GCCGUUAGGC CGAA AUUAACAC	27876
10977	53	UUAAUUGU U GUUAAUCC	9501	GGAUUAAC CUGAUGAG GCCGUUAGGC CGAA ACAAUUAA	27877
10980	50	AUUGUUGU U AAUCCUCA	9502	UGAGGAUU CUGAUGAG GCCGUUAGGC CGAA ACAACAAU	27878
10981	49	UUGUUGUU A AUCCUCAC	9503	GUGAGGAU CUGAUGAG GCCGUUAGGC CGAA AACAACAA	27879
10984	46	UUGUUAAU C CUCACAAA	9504	UUUGUGAG CUGAUGAG GCCGUUAGGC CGAA AUUAACAA	27880
10987	43	UUAAUCCU C ACAAACAC	9505	GUGUUUGU CUGAUGAG GCCGUUAGGC CGAA AGGAUUAA	27881
10997	33	CAAACACU A CUAAGUUU	9506	AAACUUAG CUGAUGAG GCCGUUAGGC CGAA AGUGUUUG	27882
-11000	30	ACACUACU A AGUUUGUC	9507	GACAAACU CUGAUGAG GCCGUUAGGC CGAA AGUAGUGU	27883
11004	26	UACUAAGU U UGUCAGCU	9508	AGCUGACA CUGAUGAG GCCGUUAGGC CGAA ACUUAGUA	27884
11005	25	ACUAAGUU U GUCAGCUC	9509	GAGCUGAC CUGAUGAG GCCGUUAGGC CGAA AACUUAGU	27885
11008	22	AAGUUUGU C AGCUCACA	9510	UGUGAGCU CUGAUGAG GCCGUUAGGC CGAA ACAAACUU	27886
11013	17	UGUCAGCU C ACACAGGC	9511	GCCUGUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGACA	27887

Input Sequence = AF196835_rc. Cut Site = UH/.

Arm Length = 8. Core Sequence = CUGAUGAG X CGAA (X = GCCGUUAGGC or other

stem II)
AF196835_rc reverse complement of West Nile virus strain NY99-flamingo38299, complete genome

Table IX: WNV minus strand Inozyme and Target Sequence

Pos	Pos (+str)	Substrate	Seq ID	Ribozyme	Rz Seq
14	11016	CUGUGUUC U CGCACCAC	9512	GUGGUGCG CUGAUGAG GCCGUUAGGC CGAA IAACACAG	27888
18	11012	GUUCUCGC A CCACCAGC	9513	GCUGGUGG CUGAUGAG GCCGUUAGGC CGAA ICGAGAAC	27889
20	11010	UCUCGCAC C ACCAGCCA	9514	UGGCUGGU CUGAUGAG GCCGUUAGGC CGAA IUGCGAGA	27890
21	11009	CUCGCACC A CCAGCCAC	9515	GUGGCUGG CUGAUGAG GCCGUUAGGC CGAA IGUGCGAG	27891
23	11007	CGCACCAC C AGCCACCA	9516	UGGUGGCU CUGAUGAG GCCGUUAGGC CGAA IUGGUGCG	27892
24	11006	GCACCACC A GCCACCAU	9517	AUGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGUGGUGC	27893
27	11003	CCACCAGC C ACCAUUGU	9518	ACAAUGGU CUGAUGAG GCCGUUAGGC CGAA ICUGGUGG	27894
28	11002	CACCAGCC A CCAUUGUC	9519	GACAAUGG CUGAUGAG GCCGUUAGGC CGAA IGCUGGUG	27895
30	11000	CCAGCCAC C AUUGUCGG	9520	CCGACAAU CUGAUGAG GCCGUUAGGC CGAA IUGGCUGG	27896
31	10999	CAGCCACC A UUGUCGGC	9521	GCCGACAA CUGAUGAG GCCGUUAGGC CGAA IGUGGCUG	27897
42	10988	GUCGGCGC A CUGUGCCG	9522	CGGCACAG CUGAUGAG GCCGUUAGGC CGAA ICGCCGAC	27898
44	10986	CGGCGCAC U GUGCCGUG	9523	CACGGCAC CUGAUGAG GCCGUUAGGC CGAA IUGCGCCG	27899
49	10981	CACUGUGC C GUGUGGCU	9524	AGCCACAC CUGAUGAG GCCGUUAGGC CGAA ICACAGUG	27900
57	10973	CGUGUGGC U GGUUGUGC	9525	GCACAACC CUGAUGAG GCCGUUAGGC CGAA ICCACACG	27901
66	10964	GGUUGUGC A GAGCAGAA	9526	UUCUGCUC CUGAUGAG GCCGUUAGGC CGAA ICACAACC	27902
71	10959	UGCAGAGC A GAAGAUCU	9527	AGAUCUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUGCA	27903
79	10951	AGAAGAUC U CCUAGUCU	9528	AGACUAGG CUGAUGAG GCCGUUAGGC CGAA IAUCUUCU	27904
81	10949	AAGAUCUC C UAGUCUAU	9529	AUAGACUA CUGAUGAG GCCGUUAGGC CGAA IAGAUCUU	27905
82	10948	AGAUCUCC U AGUCUAUC	9530	GAUAGACU CUGAUGAG GCCGUUAGGC CGAA IGAGAUCU	27906
87	10943	UCCUAGUC U AUCCCAGG	9531	CCUGGGAU CUGAUGAG GCCGUUAGGC CGAA IACUAGGA	27907
91	10939	AGUCUAUC C CAGGUGUC	9532	GACACCUG CUGAUGAG GCCGUUAGGC CGAA IAUAGACU	27908
92	10938	GUCUAUCC C AGGUGUCA	9533	UGACACCU CUGAUGAG GCCGUUAGGC CGAA IGAUAGAC	27909
93	10937	UCUAUCCC A GGUGUCAA	9534	UUGACACC CUGAUGAG GCCGUUAGGC CGAA IGGAUAGA	27910
100	10930	CAGGUGUC A AUAUGCUG	9535	CAGCAUAU CUGAUGAG GCCGUUAGGC CGAA IACACCUG	27911
107	10923	CAAUAUGC U GUUUUGUU	9536	AACAAAAC CUGAUGAG GCCGUUAGGC CGAA ICAUAUUG	27912
131	10899	UUUGUGGC A CGGGGUCU	9537	AGACCCCG CUGAUGAG GCCGUUAGGC CGAA ICCACAAA	27913
139	10891	ACGGGGUC U CCACUAAC	9538	GUUAGUGG CUGAUGAG GCCGUUAGGC CGAA IACCCCGU	27914
141	10889	GGGGUCUC C ACUAACCU	9539	AGGUUAGU CUGAUGAG GCCGUUAGGC CGAA IAGACCCC	27915
142	10888	GGGUCUCC A CUAACCUC	9540	GAGGUUAG CUGAUGAG GCCGUUAGGC CGAA IGAGACCC	27916
144	10886	GUCUCCAC U AACCUCUA	9541	UAGAGGUU CUGAUGAG GCCGUUAGGC CGAA IUGGAGAC	27917
148	10882	CCACUAAC C UCUAGUCC	9542	GGACUAGA CUGAUGAG GCCGUUAGGC CGAA IUUAGUGG	27918
149	10881	CACUAACC U CUAGUCCU	9543	AGGACUAG CUGAUGAG GCCGUUAGGC CGAA IGUUAGUG	27919
151	10879	CUAACCUC U AGUCCUUC	9544	GAAGGACU CUGAUGAG GCCGUUAGGC CGAA IAGGUUAG	27920
156	10874	CUCUAGUC C UUCCCCUG	9545	CAGGGGAA CUGAUGAG GCCGUUAGGC CGAA IACUAGAG	27921
157	10873	UCUAGUCC U UCCCCUGA	9546	UCAGGGGA CUGAUGAG GCCGUUAGGC CGAA IGACUAGA	27922
160	10870	AGUCCUUC C CCUGACCU	9547	AGGUCAGG CUGAUGAG GCCGUUAGGC CGAA IAAGGACU	27923
161	10869	GUCCUUCC C CUGACCUA	9548	UAGGUCAG CUGAUGAG GCCGUUAGGC CGAA IGAAGGAC	27924
162	10868	UCCUUCCC C UGACCUAC	9549	GUAGGUCA CUGAUGAG GCCGUUAGGC CGAA IGGAAGGA	27925
163	10867	CCUUCCCC U GACCUACA	9550	UGUAGGUC CUGAUGAG GCCGUUAGGC CGAA IGGGAAGG	27926
167	10863	CCCCUGAC C UACAGCUU	9551	AAGCUGUA CUGAUGAG GCCGUUAGGC CGAA IUCAGGGG	27927
168	10862	CCCUGACC U ACAGCUUC	9552	GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA IGUCAGGG	27928
171	10859	UGACCUAC A GCUUCAGU	9553	ACUGAAGC CUGAUGAG GCCGUUAGGC CGAA IUAGGUCA	27929
174	10856	CCUACAGC U UCAGUCAG	9554	CUGACUGA CUGAUGAG GCCGUUAGGC CGAA ICUGUAGG	27930
177	10853	ACAGCUUC A GUCAGGCU	9555	AGCCUGAC CUGAUGAG GCCGUUAGGC CGAA IAAGCUGU	27931
181	10849	CUUCAGUC A GGCUGGGC	9556	GCCCAGCC CUGAUGAG GCCGUUAGGC CGAA IACUGAAG	27932
185	10845	AGUCAGGC U GGGCCGUG	9557	CACGGCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU	27933
190	10840	GGCUGGGC C GUGCACUU	9558	AAGUGCAC CUGAUGAG GCCGUUAGGC CGAA ICCCAGCC	27934
195	10835	GGCCGUGC A CUUUAAAC	9559	GUUUAAAG CUGAUGAG GCCGUUAGGC CGAA ICACGGCC	27935
197	10833	CCGUGCAC U UUAAACCG	9560	CGGUUUAA CUGAUGAG GCCGUUAGGC CGAA IUGCACGG	27936
204	10826	CUUUAAAC C GCGGGGUC	9561	GACCCCGC CUGAUGAG GCCGUUAGGC CGAA IUUUAAAG	27937
213	10817	GCGGGGUC U CCUCUAAC	9562	GUUAGAGG CUGAUGAG GCCGUUAGGC CGAA IACCCCGC	27938
215	10815	GGGGUCUC C UCUAACCU	9563	AGGUUAGA CUGAUGAG GCCGUUAGGC CGAA IAGACCCC	27939
216	10814	GGGUCUCC U CUAACCUC	9564	GAGGUUAG CUGAUGAG GCCGUUAGGC CGAA IGAGACCC	27916
218	10812	GUCUCCUC U AACCUCUA	9565	UAGAGGUU CUGAUGAG GCCGUUAGGC CGAA IAGGAGAC	27940
222	10808	CCUCUAAC C UCUAGUCC	9566	GGACUAGA CUGAUGAG GCCGUUAGGC CGAA IUUAGAGG	27941
223	10807	CUCUAACC U CUAGUCCU	9567	AGGACUAG CUGAUGAG GCCGUUAGGC CGAA IGUUAGAG	27942
225	10805	CUAACCUC U AGUCCUUU	9568	AAAGGACU CUGAUGAG GCCGUUAGGC CGAA IAGGUUAG	27943

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230	10800	CUCUAGUC C UUUCGCCC	9569	GGGCGAAA CUGAUGAG GCCGUUAGGC CGAA IACUAGAG	27944
231	10799	UCUAGUCC U UUCGCCCU	9570	AGGGCGAA CUGAUGAG GCCGUUAGGC CGAA IGACUAGA	27945
237	10793	CCUUUCGC C CUGGUUAA	9571	UUAACCAG CUGAUGAG GCCGUUAGGC CGAA ICGAAAGG	27946
238	10792	CUUUCGCC C UGGUUAAC	9572	GUUAACCA CUGAUGAG GCCGUUAGGC CGAA IGCGAAAG	27947
239	10791	UUUCGCCC U GGUUAACA	9573	UGUUAACC CUGAUGAG GCCGUUAGGC CGAA IGGCGAAA	27948
247	10783	UGGUUAAC A CCAUUACC	9574	GGUAAUGG CUGAUGAG GCCGUUAGGC CGAA IUUAACCA	27949
249	10781	GUUAACAC C AUUACCGG	9575	CCGGUAAU CUGAUGAG GCCGUUAGGC CGAA IUGUUAAC	27950
250	10780	UUAACACC A UUACCGGG	9576	CCCGGUAA CUGAUGAG GCCGUUAGGC CGAA IGUGUUAA	27951
255	10775	ACCAUUAC C GGGGCUAG	9577	CUAGCCCC CUGAUGAG GCCGUUAGGC CGAA IUAAUGGU	27952
261	10769	ACCGGGGC U AGGGCCGC	9578	GCGGCCCU CUGAUGAG GCCGUUAGGC CGAA ICCCCGGU	27953
267	10763	GCUAGGGC C GCGUGGGG	9579	CCCCACGC CUGAUGAG GCCGUUAGGC CGAA ICCCUAGC	27954
287	10743	UGGUUUGC C UUUGUUAA	9580	UUAACAAA CUGAUGAG GCCGUUAGGC CGAA ICAAACCA	27955
288	10742	GGUUUGCC U UUGUUAAC	9581	GUUAACAA CUGAUGAG GCCGUUAGGC CGAA IGCAAACC	27956
297	10733	UUGUUAAC C CAGUCCUC	9582		27957
298	10732	UGUUAACC C AGUCCUCC	9583		
299	10731	GUUAACCC A GUCCUCCU	9584		27958
303	10727	ACCCAGUC C UCCUGGGG	9585		27959
457	10573	ACCCAGUC C UCCUGGGG	9585		27960
304	10726	CCCAGUCC U CCUGGGGC	9586		27960
306	10724	CAGUCCUC C UGGGGCAC	9587		27961
307	10723	AGUCCUCC U GGGGCACU	9588		27962
313	10717	CCUGGGGC A CUAUCGCA	9589	UGCGAUAG CUGAUGAG GCCGUUAGGC CGAA ICCCCAGG	27963
315	10715	UGGGGCAC U AUCGCAGA	9590		27964
321	10709	ACUAUCGC A GACUGCAC	9591		27965 27966
325	10705	UCGCAGAC U GCACUCUC	9592		
328	10702	CAGACUGC A CUCUCCGC	9593		27967
330	10700	GACUGCAC U CUCCGCAG	9594	COLUMN CO	27968
332	10698	CUGCACUC U CCGCAGAG	9595		27969
334	10696	GCACUCUC C GCAGAGUA	9596		27970
337	10693	CUCUCCGC A GAGUAGCA	9597		27971
345	10685	AGAGUAGC A CGCCGUAG	9598		27972
349	10681	UAGCACGC C GUAGCGUG	9599		27973
361	10669	GCGUGGUC U GACAUUGG	9600		27974 27975
365	10665	GGUCUGAC A UUGGGCUU	9601		27976
372	10658	CAUUGGGC U UUGAAGUU	9602		27977
383	10647	GAAGUUAC A ACAUGUGG	9603		27978
386	10644	GUUACAAC A UGUGGGGU	9604		27979
396	10634	GUGGGGUC C UCCUUCCG	9605		27980
397	10633	UGGGGUCC U CCUUCCGA	9606		27981
399	10631	GGGUCCUC C UUCCGAGA	9607		27982
400	10630	GGUCCUCC U UCCGAGAC	9608		27983
403	10627	CCUCCUUC C GAGACGGU	9609		27984
414	10616	GACGGUUC U GAGGGCUU	9610		27985
421	10609	CUGAGGGC U UACAUGGA	9611		27986
425	10605	GGGCUUAC A UGGAUCAC	9612		27987
432	10598	CAUGGAUC A CUUCGCGG	9613		27988
434	10596	UGGAUCAC U UCGCGGCU	9614		27989
442	10588	UUCGCGGC U UUGUUCAC	9615		27990
449	10581	CUUUGUUC A CCCAGUCC	9616		27991
451	10579	UUGUUCAC C CAGUCCUC	9617		27992
452	10578	UGUUCACC C AGUCCUCC	9618		27993
453	10577	GUUCACCC A GUCCUCCU	9619		27994
458	10572	CCCAGUCC U CCUGGGGU	9620		27995
460	10570	CAGUCCUC C UGGGGUUG	9621		27996
461	10569	AGUCCUCC U GGGGUUGA	9622		27997
475	10555	UGAGUCGC A GGCAGCAC	9623		27998
479	10551	UCGCAGGC A GCACCGUC	9624		27999
482	10548	CAGGCAGC A CCGUCUAC	9625		28000
484	10546	GGCAGCAC C GUCUACUC	9626		28001
488	10542	GCACCGUC U ACUCAACU	9627		28002
491	10539	CCGUCUAC U CAACUUCC	9628		28003

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				Table IX	
493	10537	GUCUACUC A ACUUCCGG	9629	CCGGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGUAGAC	28004
496	10534	UACUCAAC U UCCGGUGG	9630	CCACCGGA CUGAUGAG GCCGUUAGGC CGAA IUUGAGUA	28005
499	10531	UCAACUUC C GGUGGCGG	9631	CCGCCACC CUGAUGAG GCCGUUAGGC CGAA IAAGUUGA	28006
512	10518	GCGGGAAC U UCCCGGCC	9632	GGCCGGGA CUGAUGAG GCCGUUAGGC CGAA IUUCCCGC	28007
515	10515	GGAACUUC C CGGCCUGA	9633	UCAGGCCG CUGAUGAG GCCGUUAGGC CGAA IAAGUUCC	2800B
516	10514	GAACUUCC C GGCCUGAC	9634	GUCAGGCC CUGAUGAG GCCGUUAGGC CGAA IGAAGUUC	28009
520	10510	UUCCCGGC C UGACUUUC	9635	GAAAGUCA CUGAUGAG GCCGUUAGGC CGAA ICCGGGAA	28010
521	10509	UCCCGGCC U GACUUUCU	9636	AGAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGCCGGGA	28011
525	10505	GGCCUGAC U UUCUCCUC	9637	GAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGCC	28012
529	10501	UGACUUUC U CCUCAAAA	9638	UUUUGAGG CUGAUGAG GCCGUUAGGC CGAA IAAAGUCA	28013
531	10499	ACUUUCUC C UCAAAAUU	9639	AAUUUUGA CUGAUGAG GCCGUUAGGC CGAA IAGAAAGU	28014
532	10498	CUUUCUCC U CAAAAUUU	9640	AAAUUUUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAG	28015
534	10496	UUCUCCUC A AAAUUUUC	9641	GAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	28016
543	10487	AAAUUUUC U UAACUAUU	9642	AAUAGUUA CUGAUGAG GCCGUUAGGC CGAA IAAAAUUU	28017
548	10482	UUCUUAAC U AUUUACAC	9643		28018
555	10475	CUAUUUAC A CUAACACC	9644		28019
557	10473	AUUUACAC U AACACCAC	9645		28020
561	10469	ACACUAAC A CCACUAAA	9646		28021
563	10467	ACUAACAC C ACUAAAUA	9647	<u></u>	28022
564	10466	CUAACACC A CUAAAUAC	9648		28023
566	10464	AACACCAC U AAAUACUA	9649	<u> </u>	28024
573 576	10457	CUAAAUAC U ACUAUAAA AAUACUAC U AUAAAACU	9650 9651		28025
584	10454	UAUAAAAC U ACACUUUU	9652		28027
587	10443	AAAACUAC A CUUUUAUG	9653		28028
589	10441	AACUACAC U UUUAUGCA	9654		28029
597	10433	UUUUAUGC A UACUUAUA	9655		28030
601	10429	AUGCAUAC U UAUAUUGU	9656	\	28031
611	10419	AUAUUGUC U AUUUACAA	9657	UUGUAAAU CUGAUGAG GCCGUUAGGC CGAA IACAAUAU	28032
618	10412	CUAUUUAC A AUUGAUUA	9658	UAAUCAAU CUGAUGAG GCCGUUAGGC CGAA IUAAAUAG	28033
633	10397	UAAAUAUC U ACAGUACU	9659	AGUACUGU CUGAUGAG GCCGUUAGGC CGAA IAUAUUUA	28034
636	10394	AUAUCUAC A GUACUGUG	9660		28035
641	10389	UACAGUAC U GUGUCCUC	9661		28036
647	10383	ACUGUGUC C UCAACCAA	9662		28037
648	10382	CUGUGUCC U CAACCAAA	9663	UUUGGUUG CUGAUGAG GCCGUUAGGC CGAA IGACACAG	28038
650	10380	GUGUCCUC A ACCAAAGU	9664	<u> </u>	28039
653	10377	UCCUCAAC C AAAGUUGU CCUCAACC A AAGUUGUG	9665 9666		28040
654	10376	GUUGUGUC U UCAUAUCU	9667		28041
668	10362	GUGUCUUC A UAUCUCUU	9668		28043
673	10357	UUCAUAUC U CUUUAGUG	9669		28044
675	10355	CAUAUCUC U UUAGUGAA	9670		28045
685	10345	UAGUGAAC U CAUGUAAU	9671		28046
687	10343	GUGAACUC A UGUAAUCC	9672	GGAUUACA CUGAUGAG GCCGUUAGGC CGAA IAGUUCAC	28047
695	10335	AUGUAAUC C ACAUACUU	9673	AAGUAUGU CUGAUGAG GCCGUUAGGC CGAA IAUUACAU	28048
696	10334	UGUAAUCC A CAUACUUC	9674	GAAGUAUG CUGAUGAG GCCGUUAGGC CGAA IGAUUACA	28049
698	10332	UAAUCCAC A UACUUCUC	9675		28050
702	10328	CCACAUAC U UCUCAUCU	9676		28051
705	10325	CAUACUUC U CAUCUCCG	9677		28052
707	10323	UACUUCUC A UCUCCGAU	9678		28053
710	10320	UUCUCAUC U CCGAUGAU	9679		28054
712	10318	CUCAUCUC C GAUGAUUG AUGAUUGC U CUGACUUG	9680		28055
724	10308	GAUUGCUC U GACUUGGU	9681 9682		28056
728	10302	GCUCUGAC U UGGUUGAU	9683		28058
740	10290	UUGAUAGC C ACCUGGAU	9684		28059
741	10289	UGAUAGCC A CCUGGAUG	9685	 	28060
743	10287	AUAGCCAC C UGGAUGUU	9686		28061
744	10286	UAGCCACC U GGAUGUUU	9687	 	28062
755	10275	AUGUUUUC U GCCCACGU	9688		28063
758	10272	UUUUCUGC C CACGUGGC	9689	GCCACGUG CUGAUGAG GCCGUUAGGC CGAA ICAGAAAA	28064

Table IX

750	10271	UUUCUGCC C ACGUGGCU	9690	AGCCACGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAAA	28065
759		UUCUGCCC A CGUGGCUC		GAGCCACG CUGAUGAG GCCGUUAGGC CGAA IGGCAGAA	
760	10270		9691		28066
767	10263	CACGUGGC U CGGGCUCU	9692	AGAGCCCG CUGAUGAG GCCGUUAGGC CGAA ICCACGUG	28067
773	10257	GCUCGGGC U CUUGUGCC	9693	GGCACAAG CUGAUGAG GCCGUUAGGC CGAA ICCCGAGC	28068
775	10255	UCGGGCUC U UGUGCCAA	9694	UUGGCACA CUGAUGAG GCCGUUAGGC CGAA IAGCCCGA	28069
781	10249	UCUUGUGC C AAUCAGGC	9695	GCCUGAUU CUGAUGAG GCCGUUAGGC CGAA ICACAAGA	28070
782	10248	CUUGUGCC A AUCAGGCU	9696	AGCCUGAU CUGAUGAG GCCGUUAGGC CGAA IGCACAAG	28071
786	10244	UGCCAAUC A GGCUGCCA	9697	UGGCAGCC CUGAUGAG GCCGUUAGGC CGAA IAUUGGCA	28072
790	10240	AAUCAGGC U GCCACACC	9698	GGUGUGGC CUGAUGAG GCCGUUAGGC CGAA ICCUGAUU	28073
793	10237	CAGGCUGC C ACACCAGA	9699	UCUGGUGU CUGAUGAG GCCGUUAGGC CGAA ICAGCCUG	28074
794	10236	AGGCUGCC A CACCAGAU	9700	AUCUGGUG CUGAUGAG GCCGUUAGGC CGAA IGCAGCCU	28075
796	10234	GCUGCCAC A CCAGAUGU	9701	ACAUCUGG CUGAUGAG GCCGUUAGGC CGAA IUGGCAGC	28076
	10234	UGCCACAC C AGAUGUCC	9702	GGACAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUGGCA	28077
798					
799	10231	GCCACACC A GAUGUCCU	9703	AGGACAUC CUGAUGAG GCCGUUAGGC CGAA IGUGUGGC	28078
806	10224	CAGAUGUC C UCUCGUUU	9704	AAACGAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCUG	28079
807	10223	AGAUGUCC U CUCGUUUU	9705	AAAACGAG CUGAUGAG GCCGUUAGGC CGAA IGACAUCU	28080
809	10221	AUGUCCUC U CGUUUUCC	9706	GGAAAACG CUGAUGAG GCCGUUAGGC CGAA IAGGACAU	28081
817	10213	UCGUUUUC C UGAAUAUG	9707	CAUAUUCA CUGAUGAG GCCGUUAGGC CGAA IAAAACGA	28082
818	10212	CGUUUUCC U GAAUAUGG	9708	CCAUAUUC CUGAUGAG GCCGUUAGGC CGAA IGAAAACG	28083
833	10197	GGGACGUC A CUCCAUUU	9709	AAAUGGAG CUGAUGAG GCCGUUAGGC CGAA IACGUCCC	28084
835	10195	GACGUCAC U CCAUUUCU	9710	AGAAAUGG CUGAUGAG GCCGUUAGGC CGAA IUGACGUC	28085
837	10193	CGUCACUC C AUUUCUCC	9711	GGAGAAAU CUGAUGAG GCCGUUAGGC CGAA IAGUGACG	28086
838	10192	GUCACUCC A UUUCUCCA	9712	UGGAGAAA CUGAUGAG GCCGUUAGGC CGAA IGAGUGAC	28087
843	10192	UCCAUUUC U CCACUGGG	9713	CCCAGUGG CUGAUGAG GCCGUUAGGC CGAA IAAAUGGA	28088
845	10185	CAUUUCUC C ACUGGGGU	9714	ACCCCAGU CUGAUGAG GCCGUUAGGC CGAA IAGAAAUG	28089
846	10184	AUUUCUCC A CUGGGGUU	9715	AACCCCAG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAU	28090
848	10182	UUCUCCAC U GGGGUUUU	9716	AAAACCCC CUGAUGAG GCCGUUAGGC CGAA IUGGAGAA	28091
860	10170	GUUUUGUC U UCCAUCCA	9717	UGGAUGGA CUGAUGAG GCCGUUAGGC CGAA IACAAAAC	28092
863	10167	UUGUCUUC C AUCCAUUC	9718	GAAUGGAU CUGAUGAG GCCGUUAGGC CGAA IAAGACAA	28093
864	10166	UGUCUUCC A UCCAUUCA	9719	UGAAUGGA CUGAUGAG GCCGUUAGGC CGAA IGAAGACA	28094
867	10163	CUUCCAUC C AUUCAUUC	9720	GAAUGAAU CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28095
868	10162	UUCCAUCC A UUCAUUCU	9721	AGAAUGAA CUGAUGAG GCCGUUAGGC CGAA IGAUGGAA	28096
872	10158	AUCCAUUC A UUCUCCUC	9722	GAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IAAUGGAU	28097
876	10154	AUUCAUUC U CCUCUAUC	9723	GAUAGAGG CUGAUGAG GCCGUUAGGC CGAA IAAUGAAU	28098
878	10152	UCAUUCUC C UCUAUCCA	9724	UGGAUAGA CUGAUGAG GCCGUUAGGC CGAA IAGAAUGA	28099
879	10151	CAUUCUCC U CUAUCCAA	9725	UUGGAUAG CUGAUGAG GCCGUUAGGC CGAA IGAGAAUG	28100
881	10149	UUCUCCUC U AUCCAAAC	9726	GUUUGGAU CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	28101
885	10145	CCUCUAUC C AAACACGG	9727	CCGUGUUU CUGAUGAG GCCGUUAGGC CGAA IAUAGAGG	28102
886	10144	CUCUAUCC A AACACGGU	9728	ACCGUGUU CUGAUGAG GCCGUUAGGC CGAA IGAUAGAG	28103
890	10140	AUCCAAAC A CGGUUCCA	9729	UGGAACCG CUGAUGAG GCCGUUAGGC CGAA IUUUGGAU	28104
897	10133	CACGGUUC C AGACCUCC	9730	GGAGGUCU CUGAUGAG GCCGUUAGGC CGAA IAACCGUG	28105
898	10132	ACGGUUCC A GACCUCCA	9731	UGGAGGUC CUGAUGAG GCCGUUAGGC CGAA IGAACCGU	28106
902	10128	UUCCAGAC C UCCAACAU	9732	AUGUUGGA CUGAUGAG GCCGUUAGGC CGAA IUCUGGAA	28107
903	10127	UCCAGACC U CCAACAUG	9733	CAUGUUGG CUGAUGAG GCCGUUAGGC CGAA IGUCUGGA	28108
905	10125	CAGACCUC C AACAUGUC	9734	GACAUGUU CUGAUGAG GCCGUUAGGC CGAA IAGGUCUG	28109
906	10124	AGACCUCC A ACAUGUCC	9735	GGACAUGU CUGAUGAG GCCGUUAGGC CGAA IGAGGUCU	28110
909	10121	CCUCCAAC A UGUCCUCU	9736	AGAGGACA CUGAUGAG GCCGUUAGGC CGAA IUUGGAGG	28111
914	10116	AACAUGUC C UCUGUUGU	9737	ACAACAGA CUGAUGAG GCCGUUAGGC CGAA IACAUGUU	28112
915	10115	ACAUGUCC U CUGUUGUC		 	
			9738	GACAACAG CUGAUGAG GCCGUUAGGC CGAA IGACAUGU	28113
917	10113	AUGUCCUC U GUUGUCAU	9739	AUGACAAC CUGAUGAG GCCGUUAGGC CGAA IAGGACAU	28114
924	10106	CUGUUGUC A UCCACUCU	9740	AGAGUGGA CUGAUGAG GCCGUUAGGC CGAA IACAACAG	28115
927	10103	UUGUCAUC C ACUCUCCU	9741	AGGAGAGU CUGAUGAG GCCGUUAGGC CGAA IAUGACAA	28116
928	10102	UGUCAUCC A CUCUCCUC	9742	GAGGAGAG CUGAUGAG GCCGUUAGGC CGAA IGAUGACA	28117
930	10100	UCAUCCAC U CUCCUCCU	9743	AGGAGGAG CUGAUGAG GCCGUUAGGC CGAA IUGGAUGA	28118
932	10098	AUCCACUC U CCUCCUGC	9744	GCAGGAGG CUGAUGAG GCCGUUAGGC CGAA IAGUGGAU	28119
934	10096	CCACUCUC C UCCUGCAU	9745	AUGCAGGA CUGAUGAG GCCGUUAGGC CGAA IAGAGUGG	28120
935	10095	CACUCUCC U CCUGCAUG	9746	CAUGCAGG CUGAUGAG GCCGUUAGGC CGAA IGAGAGUG	28121
937	10093	CUCUCCUC C UGCAUGGA	9747		28122
938	10092	UCUCCUCC U GCAUGGAU	9748		28123
941	10089	CCUCCUGC A UGGAUGGA	9749		
951	10089	GGAUGGAC C ACGUGGUU			28124
	100/9	GUADGUAL C ACGUGGUU	9750	AACCACGU CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC	28125

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	Table
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952	10078	GAUGGACC A CGUGGUUC	9751	GAACCACG CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC	28126
961	10069	CGUGGUUC U UCCGGUAG	9752	CUACCGGA CUGAUGAG GCCGUUAGGC CGAA IAACCACG	28127
964	10066	GGUUCUUC C GGUAGGGA	9753	UCCCUACC CUGAUGAG GCCGUUAGGC CGAA IAAGAACC	28128
974	10056	GUAGGGAC C CAAUUCAC	9754	GUGAAUUG CUGAUGAG GCCGUUAGGC CGAA IUCCCUAC	28129
		UAGGGACC C AAUUCACA	9755	UGUGAAUU CUGAUGAG GCCGUUAGGC CGAA IGUCCCUA	28130
975	10055			CUGUGAAU CUGAUGAG GCCGUUAGGC CGAA IGGUCCCU	28131
976	10054	AGGGACCC A AUUCACAG	9756		
981	10049	CCCAAUUC A CAGGGACA	9757	UGUCCCUG CUGAUGAG GCCGUUAGGC CGAA IAAUUGGG	28132
983	10047	CAAUUCAC A GGGACAGC	9758	GCUGUCCC CUGAUGAG GCCGUUAGGC CGAA IUGAAUUG	28133
989	10041	ACAGGGAC A GCGGAGCA	9759	UGCUCCGC CUGAUGAG GCCGUUAGGC CGAA IUCCCUGU	28134
997	10033	AGCGGAGC A AAUGGCGU	9760	ACGCCAUU CUGAUGAG GCCGUUAGGC CGAA ICUCCGCU	28135
1010	10020	GCGUUGGC C AUGAGCCG	9761	CGGCUCAU CUGAUGAG GCCGUUAGGC CGAA ICCAACGC	28136
1011	10019	CGUUGGCC A UGAGCCGC	9762	GCGGCUCA CUGAUGAG GCCGUUAGGC CGAA IGCCAACG	28137
1017	10013	CCAUGAGC C GCAGGUCU	9763	AGACCUGC CUGAUGAG GCCGUUAGGC CGAA ICUCAUGG	28138
	10010	UGAGCCGC A GGUCUCUU	9764	AAGAGACC CUGAUGAG GCCGUUAGGC CGAA ICGGCUCA	28139
1020				CACAGAAG CUGAUGAG GCCGUUAGGC CGAA IACCUGCG	28140
1025	10005	CGCAGGUC U CUUCUGUG	9765		28141
1027	10003	CAGGUCUC U UCUGUGGA	9766		
1030	10000	GUCUCUUC U GUGGAAGU	9767	ACUUCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGAC	28142
1041	9989	GGAAGUAC A GAAGCAGC	9768	GCUGCUUC CUGAUGAG GCCGUUAGGC CGAA IUACUUCC	28143
1047	9983	ACAGAAGC A GCCACAUC	9769	GAUGUGGC CUGAUGAG GCCGUUAGGC CGAA ICUUCUGU	28144
1050	9980	GAAGCAGC C ACAUCUGG	9770	CCAGAUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUUC	28145
1051	9979	AAGCAGCC A CAUCUGGG	9771	CCCAGAUG CUGAUGAG GCCGUUAGGC CGAA IGCUGCUU	28146
1053	9977	GCAGCCAC A UCUGGGCA	9772	UGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IUGGCUGC	28147
1056	9974	GCCACAUC U GGGCAUAA	9773	UUAUGCCC CUGAUGAG GCCGUUAGGC CGAA IAUGUGGC	28148
1061	9969	AUCUGGGC A UAAGACUU	9774	AAGUCUUA CUGAUGAG GCCGUUAGGC CGAA ICCCAGAU	28149
			9775	UCUGGCUA CUGAUGAG GCCGUUAGGC CGAA IUCUUAUG	28150
1068	9962	CAUAAGAC U UAGCCAGA		GCUUGUCU CUGAUGAG GCCGUUAGGC CGAA ICUAAGUC	28151
1073	9957	GACUUAGC C AGACAAGC	9776		
1074	9956	ACUUAGCC A GACAAGCA	9777	UGCUUGUC CUGAUGAG GCCGUUAGGC CGAA IGCUAAGU	28152
1078	9952	AGCCAGAC A AGCAGUGU	9778	ACACUGCU CUGAUGAG GCCGUUAGGC CGAA IUCUGGCU	28153
1082	9948	AGACAAGC A GUGUCGCG	9779	CGCGACAC CUGAUGAG GCCGUUAGGC CGAA ICUUGUCU	28154
1098	9932	GGACGUUC C AUCCGGCC	9780	GGCCGGAU CUGAUGAG GCCGUUAGGC CGAA IAACGUCC	28155
1099	9931	GACGUUCC A UCCGGCCC	9781	GGGCCGGA CUGAUGAG GCCGUUAGGC CGAA IGAACGUC	28156
1102	9928	GUUCCAUC C GGCCCCUG	9782	CAGGGGCC CUGAUGAG GCCGUUAGGC CGAA IAUGGAAC	28157
1106	9924	CAUCCGGC C CCUGGAGA	9783	UCUCCAGG CUGAUGAG GCCGUUAGGC CGAA ICCGGAUG	28158
1107	9923	AUCCGGCC C CUGGAGAU	9784	AUCUCCAG CUGAUGAG GCCGUUAGGC CGAA IGCCGGAU	28159
1108	9922	UCCGGCCC C UGGAGAUA	9785	UAUCUCCA CUGAUGAG GCCGUUAGGC CGAA IGGCCGGA	28160
1109	9921	CCGGCCCC U GGAGAUAU	9786	AUAUCUCC CUGAUGAG GCCGUUAGGC CGAA IGGGCCGG	28161
1124	9906	AUGCGAGC U CUGCCUAC	9787	GUAGGCAG CUGAUGAG GCCGUUAGGC CGAA ICUCGCAU	28162
		GCGAGCUC U GCCUACCA		UGGUAGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCGC	28163
1126	9904		9788		28164
1129	9901	AGCUCUGC C UACCAAUU	9789		
1130	9900	GCUCUGCC U ACCAAUUC	9790	GAAUUGGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAGC	28165
1133	9897	CUGCCUAC C AAUUCAUC	9791	GAUGAAUU CUGAUGAG GCCGUUAGGC CGAA IUAGGCAG	28166
1134	9896	UGCCUACC A AUUCAUCC	9792	GGAUGAAU CUGAUGAG GCCGUUAGGC CGAA IGUAGGCA	28167
1139	9891	ACCAAUUC A UCCUGUCC	9793	GGACAGGA CUGAUGAG GCCGUUAGGC CGAA IAAUUGGU	28168
1142	9888	AAUUCAUC C UGUCCUCG	9794	CGAGGACA CUGAUGAG GCCGUUAGGC CGAA IAUGAAUU	28169
1143	9887	AUUCAUCC U GUCCUCGG	9795	CCGAGGAC CUGAUGAG GCCGUUAGGC CGAA IGAUGAAU	28170
1147	9883	AUCCUGUC C UCGGCAUG	9796	CAUGCCGA CUGAUGAG GCCGUUAGGC CGAA IACAGGAU	28171
1148	9882	UCCUGUCC U CGGCAUGG	9797	CCAUGCCG CUGAUGAG GCCGUUAGGC CGAA IGACAGGA	28172
1153	9877	UCCUCGGC A UGGAACCA	9798	UGGUUCCA CUGAUGAG GCCGUUAGGC CGAA ICCGAGGA	28173
1160	9870	CAUGGAAC C ACCAGUGU	9799	ACACUGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCAUG	28174
1161	9869	AUGGAACC A CCAGUGUU	9800	AACACUGG CUGAUGAG GCCGUUAGGC CGAA IGUUCCAU	28175
			+	AGAACACU CUGAUGAG GCCGUUAGGC CGAA IUGGUUCC	28176
1163	9867	GGAACCAC C AGUGUUCU	9801		
1164	9866	GAACCACC A GUGUUCUU	9802	AAGAACAC CUGAUGAG GCCGUUAGGC CGAA IGUGGUUC	28177
1171	9859	CAGUGUUC U UCCAUCUU	9803	AAGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAACACUG	28178
1174	9856	UGUUCUUC C AUCUUUCA	9804	UGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAACA	28179
1175	9855	GUUCUUCC A UCUUUCAU	9805	AUGAAAGA CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC	28180
1178	9852	CUUCCAUC U UUCAUGAU	9806	AUCAUGAA CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28181
1182	9848	CAUCUUUC A UGAUCAAU	9807	AUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAAAGAUG	28182
1188	9842	UCAUGAUC A AUUCAGUG	9808	CACUGAAU CUGAUGAG GCCGUUAGGC CGAA IAUCAUGA	28183
1193	9837	AUCAAUUC A GUGAAAUG	9809	CAUUUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUUGAU	28184
1210	9820	GUUUGAGC A AAAUGGAA	9810	UUCCAUUU CUGAUGAG GCCGUUAGGC CGAA ICUCAAAC	28185
		AAUGGAAC C UGCUGCCA	9811	UGGCAGCA CUGAUGAG GCCGUUAGGC CGAA IUUCCAUU	28186
1220	9810	ANDGOMAC C DGCDGCCA	1 3011	OGGCAGCA CUGAUGAG GCCGUUAGGC CGAA TOUCCAUU	20100

1221 9909 ANGANCE U GUGLOCAN 9813 USBACKE CURLINGS CECULUAGE CAN LOGUICAN 28187 2819 2813 1024 2819			_			
12276 9803 COLURIGIS C ANICUNIC 9815 GUINDARIO CONTINUES CON INCACCAGE 28187 1228 9878 CUIDERCE CA AUCAINCE 9815 GUINDARIO CVARIAGE GCOSULURGE CAN INCACCAGE 28191 12216 9794 ANICONIC C AUCCACUE 9817 ANICONIC C GUINDARIO CUIDALIGA GCOSULURGE CAN INCACCAGE 28191 12216 9794 ANICONIC C AUCCACUE 9817 ANICONIC CAN INCACCAGE 28191 12217 9793 AUCANIC C AUCCACUE 9817 ANICONIC CAN INCACCAGE 28191 12217 9793 AUCANIC C AUCUACUE 9819 CUIDACCA CUIDALIGA GCOSULURGE CON INCACCAGE 28191 12214 9798 AUCANIC C AUCUACUE 9819 CUIDACCA CUIDALIGA GCOSULURGE CON INCACACE AUCUACUA 9819 CUIDACCA CUIDALIGA GCOSULURGE GUAN INCACACE 28191 12214 9798 CUIDACCAC C AUCUACUA 9821 CUIDACAC CUIDALIGA GCOSULURGE GUAN INCACACE 28191 12215 9797 CUIDACCAC C AUCUACUA 9822 UCCADARIO COLURGA GCOSULURGE GUAN INCACACE 28191 12215 9797 GUIDACCAC C AUCUACUA 9822 UCCADARIO COLURGA GCOSULURGE GUAN INCACACE 28191 12215 9797 GUIDACCAC C UUGGARU 9822 UCCADARIO COLURGA GCOSULURGE GUAN INCACACE 28191 12215 9797 GUIDACCAC C UUGGARU 9823 CANCACAC CORRIAGA GCOSULURGE GUAN INCACACA 28191 12215 9797 GUIDACCAC C UUGGARU 9824 GACALICACA CUIDARIO GCOSULURGE GUAN INCACACA 28191 12215 9797 GUIDACCAC C UUGGARU 9825 GUIDACCA GUANDA GCOSULURGE GUAN INCACACA 28191 12216 9792 UUCACACA C UUGGARU 9826 AUCACACAC GUANDA GCOSULURGE GUAN INCACACA 28191 12217 9795 UUCACACA UUGAARU 9826 AUCACACAC GUANDA GCOSULURGE GUAN INCACACA 28191 12217 9795 UUCACACA UUGAARU 9827 AUCACACA GUANDA GCOSULURGE GUAN INCACACA 28191 12217 9795 UUCACACA UUGAACA 9827 TUNIOUCAA UUGAACACA GUANDA 28101 12217 12	1221	9809	AUGGAACC U GCUGCCAA	9812	UUGGCAGC CUGAUGAG GCCGUUAGGC CGAA IGUUCCAU	28187
1222 1969 CHICTIRCE A BUCCAINCE 19815 GRINDGAIL CUARIDAG GECCHURGEC CORA INCRACAGE 28191 1236 19794 ANCHORIAC & BUCCASUT 9817 ANCHORIAC CUARIDAG GECCHURGEC CORA INTURGEA 28191 1237 19795 ANCHORIAC & CUCCAGUTU 9818 CANACUGA CURRIANGA GECCHURGEC CORA INTURGEA 28191 1240 19795 ANCHORIAC & AUCCAGUTU 9819 CANACUGA CURRIANGA GECCHURGEC CORA INDRICATE 28194 1241 19785 URCACHUC & GRUCRACCO 9819 CANACUGA CURRIANGA GECCHURGEC CORA INDRICATE 28194 1241 19785 URCACHUC & GRUCRACCO 9821 CANACUGA CURRIANGA GECCHURGEC CORA INDRICATE 28194 1254 19796 CANCURCA & CRUCRUGA 9821 CANACUGA CURRIANGA GECCHURGEC CORA INDRICATE 28194 1255 19775 COGRUTUC & CAUCUUGA 9821 CANACUGA CURRIANGA GECCHURGEC CORA INACCOS 28194 1257 19735 GUIDUCCA & CUUCAGURA 9821 CANACUGA CURRIANGA GECCHURGEC CORA INACCOS 28195 1258 19775 COGRUTUC & CUUCAGURA 9821 CANACUGA CURRIANGA GECCHURGEC CORA INACCOS 28195 1259 19711 UUCCACCUC & UUGCACAC 28200	1224	9806	GAACCUGC U GCCAAUCA	9813	UGAUUGGC CUGAUGAG GCCGUUAGGC CGAA ICAGGUUC	28188
1228 9802 CUICURICE A NUCAURCE 9815 GGUNDAGU CUICURIGE COSAL MICHAGE 28191	1227	9803	CCUGCUGC C AAUCAUAC	9814	GUAUGAUU CUGAUGAG GCCGUUAGGC CGAA ICAGCAGG	28189
1225 9798	1228	9802	CUGCUGCC A AUCAUACC	9815	GGUAUGAU CUGAUGAG GCCGUUAGGC CGAA IGCAGCAG	28190
1235 9794		9798	UGCCAAUC A UACCAUCC	9816	GGAUGGUA CUGAUGAG GCCGUUAGGC CGAA IAUUGGCA	28191
1231 9793 ALCADICC A UCCADING 9819 CALCUGA CUGANGAG GCCUUNAGG COAN INGUIDAD 28191						
1241 9798 INCACADIC C AGUIGACS 9819 CGUICAGU CUGANIGA GEOSTURAGE CIAA IAUGUIAN 28195 1254 9776 ACGUIUC C AGUICAGU 9821 CCAAGAGU CUGANIGA GEOSTURAGE CIAA IAUGUIAN 28195 1255 9777 COURTINO C AGUICAGU 9821 CCAAGAGU CUGANIGA GEOSTURAGE CIAA IANACCOU 28196 1257 9777 GUIUCCACU C UUGAGUAD 9822 UICCAAGAGU CUGANIGAG GEOSTURAGE CIAA IANACCOU 28195 1259 9777 UIUCCACUC U UGAGUAD 9823 CAUCCAG CUGANIGAG GEOSTURAGE CIAA IANACCOU 28197 1259 9771 UIUCCACUC U UGAGUAD 9824 GACAUCCA CUGANIGAG GEOSTURAGE CIAA IANACCAC 28197 1259 9771 UIUCCACUC U UGAGUAD 9825 GUICCAGA CUGANIGAG GEOSTURAGE CIAA IANGCGA 28191 1276 9752 UGAGUAC U UUGACAN 9826 AUGUCACA CUGANIGAG GEOSTURAGE CIAA IANGCGA 28190 1277 9753 UGAGUAC U UUGACAN 9826 AUGUCACA CUGANIGAG GEOSTURAGE CIAA IANGCGA 28190 1278 9752 UGAGUAC U UUGACAN 9827 UAUGUCACA CUGANIGAG GEOSTURAGE CIAA IUUCACCA 1289 9746 CAUUGACA U UAGACUM 9828 ANAGCCC UUCANGGA GEOSTURAGE CIAA IUUCACCA 1289 9741 GACAUGAC U UUGACAN 9829 UCUCACA CUGANIGAG GEOSTURAGE CIAA IUCAAAG 1313 9717 GAGGIGGE A AUGGAN 9829 GAUGCCAC CUGANIGAG GEOSTURAGE CIAA IUCAAAG 1326 9768 CAUCCAC A GAGGGUTU 9821 ANACCCC UUCANGGA GEOSTURAGE CIAA IUCAAAG 1327 9589 CCAAGGGGC U UUACCACA 9830 GAUGCCU UUAGUGAG GEOSTURAGE CIAA IUCAAAG 1328 9599 CCAAGGGGC U UUACCACA 9831 ANACCCC UUCAAGAG GEOSTURAGE CIAA IUCAAAG 1328 9599 CCAAGGGGC U UUACCACA 9830 GAUGCCU UUACGAG GEOSTURAGE CIAA IUCAAAG 1329 9599 CCAAGGGGC U UUACCACA 9830 GAUGCCU UUACGAG GEOSTURAGE CIAA ICCACCUC 28005 1326 9599 CCAAGGGC U UUACCACA 9830 GAUGCCUU UUACGAG GEOSTURAGE CIAA ICCACCUC 28005 1326 9599 CCAAGGGC U UUACCACA AGCAGUAC 9831 1337 9593 GGCUUUAC C A CACAGUC 9831 GAUGACUC UUACGAG GEOSTURAGE CIAA ICCACCUC 28005 1338 9599 CCAAGGGC U UUACCACACA 9831 GAUGACUC UUACGAG GEOSTURAGE CIAA ICCACCUC 28005 1338 9599 CCAAGGGC U UUACCACACA 9831 GAUGACCC U						
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1289	1278	9752	UGCGAACC U UUGACAUA	9827	UAUGUCAA CUGAUGAG GCCGUUAGGC CGAA IGUUCGCA	28202
1313 9717	1284	9746	CCUUUGAC A UAGCAUUG	9828	CAAUGCUA CUGAUGAG GCCGUUAGGC CGAA IUCAAAGG	28203
1325 9705	1289	9741	GACAUAGC A UUGAGGAA	9829	UUCCUCAA CUGAUGAG GCCGUUAGGC CGAA ICUAUGUC	28204
13326 9704 GAUCGUCC A GGGGCUUU 9832 AAAGCCCC CUGAUGAG GCCGUUAGGC CGAA IGAGGAUC 28207 13337 9693 GCCUUUAC C ACACAGUC 9834 GACUGUGU CUGAUGAG GCCGUUAGGC GCAA IGACGACC 28208 1338 9692 GCCUUACC A CACAGUCC 9835 GACUGUCUAC C ACACAGUC 9835 GACUGUCGU CUGAUGAG GCCGUUAGGC GCAA IUGAAAGC 28208 1338 9692 GCUUACC A CACAGUCA 9835 GACUGAUGA GCCGUUAGGC GCAGUUAGGC GCAA IUGAAAGC 28201 1340 9699 UUUACCACA C AGUCAUC 9836 GAUGACUC CUGAUGAG GCCGUUAGGC GCAA IUGUAAAC 28210 1342 9688 UACCACAC A GUCAUCU 9837 GAGAUGAC CUGAUGAG GCCGUUAGGC GCAA IUGUAAAC 28211 1342 9688 UACCACAC A GUCAUCU 9837 GAGAUGAC CUGAUGAG GCCGUUAGGC GCAA IUGUGAA 28212 1354 9688 CAGUAUCU CCCCUCU 9838 AGUGAGGC GUGAUGAG GCCGUUAGGC GCAA IUGUGAG 28213 1359 9679 GUCAUCU CACUGACA 9840 CUGUCAGC GUGAUGAG GCCGUUAGGC GCAA IAUGACU 28214 1351 9679 GUCAUCUC CAUGACAG 9841 GCUGUCAG CUGAUGAG GCCGUUAGGC GCAA IAUGACU 28215 1354 9676 AUCUCCAC U GACAGCCA 9841 GCUGUCAG CUGAUGAG GCCGUUAGGC GCAA IAUGACU 28216 1354 9676 AUCUCCAC U GACAGCCA 9842 UGCCUCU CUGAUGAG GCCGUUAGGC GCAA IAUGACA 28216 1354 9676 AUCUCCAC U GACAGCCA 9842 UGCCUCU CUGAUGAG GCCGUUAGGC GCAA IAUGACA 28216 1354 9676 AUCUCCAC U GACAGCCA 9842 UGCCUCU CUGAUGAG GCCGUUAGGC GCAA IUGCAGAU 28216 1361 9669 CUGACAGC AUCCAGCC 9843 GCCAUGACAG GCCGUUAGGC GCAA IUGCAGAU 28216 1361 9669 CUGACAGC AUCCAGCC 9843 ACCAGGCO CUGAUGAG GCCGUUAGGC GCAA IUGCAGC 28218 1361 9669 CUGACAGC AUCCAGC 9844 ACCCGCAU CUGAUGAG GCCGUUAGGC GCAA IUGCAGC 28218 1361 9668 UGACAGCC AUCCAGC 9844 ACCCGCAU CUGAUGAG GCCGUUAGGC GCAA IUGCAGC 28226 1379 9651 ACCAGCAGU UCCCCCAU 9846 AAAGACU CUGAUGAG GCCGUUAGGC GCAA IACCAGC 28221 1379 9651 AUCUCCCC AUCCCCA UCCCCCAU 9849 GAGAAUGA CUGAUGAG GCCGUUAGGC GCAA IACC	1313	9717	GAGGUGGC A AAGCGAUC	9830	GAUCGCUU CUGAUGAG GCCGUUAGGC CGAA ICCACCUC	28205
1326 9704 GAUGGUC A GGGGCUUU 9832 AAAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCCCUGG 28208 1337 9693 GCCUUAGC C ACACAGUC 9834 GACUGUGU CUGAUGAG GCCGUUAGGC CGAA ICCCCUGG 28208 1338 9692 GCCUUAGC C ACACAGUC 9834 GACUGUGU CUGAUGAG GCCGUUAGGC CGAA IUGAAAGC 28209 1338 9692 GCUUAGC A CACAGUCA 9835 GACUGAUG CUGAUGAG GCCGUUAGGC CGAA IUGAAAGC 28210 1344 9688 UACACAC A GUCAUCU 9836 GAUGAUG CUGAUGAG GCCGUUAGGC CGAA IUGUAAAGC 28210 1342 9688 UACACAC A GUCAUCU 9837 GAGAUGAC CUGAUGAG GCCGUUAGGC CGAA IUGUAAAC 28211 1342 9688 UACACACA A GUCAUCU 9838 GAUGACUG CUGAUGAG GCCGUUAGGC CGAA IUGUGAA 28212 1346 9684 ACACAGUC A UCUCCACU 9838 AGUGAGAC CUGAUGAG GCCGUUAGGC CGAA IUGUGAA 28213 1349 9681 CAGUCAUC C ACUGACAG 9839 GUCAGUGG CUGAUGAG GCCGUUAGGC CGAA IAUGACU 28214 1351 9679 GUCAUCUCA C UCGACAGA 9840 CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA IAUGACU 28215 1352 9678 UCAUCUCC A CUGACAGC 9841 GCUGUCAG CUGAUGAG GCCGUUAGGC CGAA IAUGACA 28216 1354 9676 AUUCUCCAC U GACAGCCA 9842 UGGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGACA 28216 1354 9676 AUUCUCCAC U GACAGCCA 9842 UGGCUGU CUGAUGAG GCCGUUAGGC CGAA IUGAGAGA 28216 1354 9676 AUUCUCCAC U GACAGCCA 9842 UGGCUGU CUGAUGAG GCCGUUAGGC CGAA IUGAGAGA 28216 1361 9669 CUGACAGC A 9604 9843 ACCAGCAC UGAUGAG GCCGUUAGGC CGAA IUGAGAGA 28216 1361 9669 CUGACAGC A 4GCGUGCU 9845 CAGCCGUCA UGAUGAG GCCGUUAGGC CGAA IUGAGAGA 28216 1361 9669 CUGACAGC A 4GCGUUCA 9844 ACCGCGUA UGAUGAG GCCGUUAGGC CGAA IUGAGAG 28221 1379 9651 AGUCUUC UCCCCCAU 9845 AGACACC UGAUGAG GCCGUUAGGC CGAA IACCAGC 28221 1379 9651 AGUCUUC UCCCCCAU 9846 AGACAGC CUGAUGAG GCCGUUAGGC CGAA IACCAGC 28221 1379 9651 AGUCUUC UCCCCCAU 9849 AGACAGC CUGAUGAG GCCGUUAGGC CGAA IACCAGC 28221 1388 9646 UUUCUCCC CAUUCUCA 9850 UGAGAGA CUGAUGAG GCCGUUAGGC CGAA IACCAGA 28	1325	9705	CGAUCGUC C AGGGGCUU	9831	AAGCCCCU CUGAUGAG GCCGUUAGGC CGAA IACGAUCG	28206
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1385 9645 UCUUCCCC A UUCUCAAA 9852 UUUGAGAA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGA 28227 1389 9641 CCCCAUUC U CAAACAGC 9853 GCUGUUUG CUGAUGAG GCCGUUAGGC CGAA IAAUGGGG 28228 1391 9639 CCAUUCUC A AACAGCCA 9854 UGGCUGUU CUGAUGAG GCCGUUAGGC CGAA IAAUGGG 28229 1395 9635 UCUCAAAC A GCCAGGUC 9855 GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUUGAGA 28230 1398 9632 CAAACAGC C AGGUCCUG 9855 CAGGACCU CUGAUGAG GCCGUUAGGC CGAA ICUGUUUG 28231 1399 9631 AAACAGCC A GGUCCUGA 9857 UCAGGACC CUGAUGAG GCCGUUAGGC CGAA ICUGUUU 28232 1404 9626 GCCAGGUC C UGACUUUG 9858 CAAAGUCA CUGAUGAG GCCGUUAGGC CGAA IACCUGGC 28233 1405 9625 CCAGGUCC U GACUUUG 9859 CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IACCUGGC 28234 1409 9621 GUCCUGAC U UUGGGUCC 9860 GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IACCUGG 28235 1417 9613 UUUGGGUC C UUUCCCUUU 9861 AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236 1418 9612 UUGGGUCC U UUCCCUUU 9862 AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28237 1422 9608 GUCCUUUC C CUUUUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28237 1422 9608 GUCCUUUC C CUUUUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUUUCC C UUUUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238 1424 9606 CCUUUCCC U UUUGUGA 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IAGAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGAG 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IAGAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGA 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IAGAACC 28238 1423 9593 UGAGUUCU C CACAUCA 9866 UGAUGUG CUGAUGAG GCCGUUAGGC CGAA IAGAACC 28241 1439 9591 AGUUUCUC A CAUCAUCA 9866 GAGUGAUG CUGAUGAG GCCGUUAGGC CGAA IAGAACC 28241 1439 9591 AGUUUCUC A CAUCAUCA 9866 GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAACCU 28242 1440 9590 GUUUCUCC A CAUCAUCA 9867 GAUGAUGG CUGAUGAG GCCGUUAGGC CGAA IAGAACCU 28242 1440 9590 GUUUCCCA A UCAUCAUC 98	1383	9647	UUUCUUCC C CAUUCUCA	9850	UGAGAAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGAAA	28225
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1391 9639 CCAUUCUC A AACAGCCA 9854 UGGCUGUU CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG 28229 1395 9635 UCUCAAAC A GCCAGGUC 9855 GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUUGAGA 28230 1398 9632 CAAACAGC C AGGUCCUG 9856 CAGGACCU CUGAUGAG GCCGUUAGGC CGAA IUUUGAGA 28231 1399 9631 AAACAGCC A GGUCCUGA 9857 UCAGGACC CUGAUGAG GCCGUUAGGC CGAA ICUGUUU 28232 1404 9626 GCCAGGUC C UGACUUUG 9858 CAAAGUCA CUGAUGAG GCCGUUAGGC CGAA IACCUGGC 28233 1405 9625 CCAGGUCC U GACUUUGG 9859 CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IACCUGGC 28234 1409 9621 GUCCUGAC U UUUGCGUC 9860 GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC 28235 1417 9613 UUUGGGUC C UUUCCCUUU 9861 AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236 1418 9612 UUGGGUCC U UUCCCUUU 9862 AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236 1422 9608 GUCCUUUC C CUUUUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAGGGAC 28238 1423 9607 UCCUUUCC C UUUUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IAAGGGAC 28239 1424 9606 CCUUUCCC U UUUGUGA 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGA 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGA 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGA 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGA 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1440 9590 GUUUCUC A CAUCAUCU 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28242 1440 9590 GUUUCUCC A CAUCAUCU 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28242 1440 9590 GUUUCUCC A CAUCAUCU 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28243 1442 9588 UUCUCCAC A UCAUCUG 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IAUGAUGU 28245 1448 9582 ACAUCAUC U GGGCCAU 9	1385	9645	UCUUCCCC A UUCUCAAA	9852	UUUGAGAA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGA	28227
1395 9635 UCUCAAAC A GCCAGGUC 9855 GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUUGAGA 28230 1398 9632 CAAACAGC C AGGUCCUG 9856 CAGGACCU CUGAUGAG GCCGUUAGGC CGAA ICUGUUUG 28231 1399 9631 AAACAGCC A GGUCCUGA 9857 UCAGGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUU 28232 1404 9626 GCCAGGUC C UGACUUUG 9858 CAAAGUCA CUGAUGAG GCCGUUAGGC CGAA IACCUGGC 28233 1405 9625 CCAGGUCC U GACUUUGG 9859 CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGACCUGG 28234 1409 9621 GUCCUGAC U UUGGGUCC 9860 GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC 28235 1417 9613 UUUGGGUC C UUUCCCUU 9861 AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236 1418 9612 UUGGGUCC U UUCCCUUU 9862 AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28237 1422 9608 GUCCUUUC C CUUUUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUUUCC C UUUUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IAAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGAG 9865 CUCACAA	1389	9641	CCCCAUUC U CAAACAGC	9853	GCUGUUUG CUGAUGAG GCCGUUAGGC CGAA IAAUGGGG	28228
1398 9632 CAAACAGC C AGGUCCUG 9856 CAGGACCU CUGAUGAG GCCGUUAGGC CGAA ICUGUUU 28231 1399 9631 AAACAGC A GGUCCUGA 9857 UCAGGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUU 28232 1404 9626 GCCAGGUC C UGACUUUG 9858 CAAAGUC CUGAUGAG GCCGUUAGGC CGAA IACCUGGC 28233 1405 9625 CCAGGUCC U GACUUUGG 9859 CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGACCUGG 28234 1409 9621 GUCCUGAC U UUGCGUCC 9860 GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC 28235 1417 9613 UUUGGGUC C UUUCCCUU 9861 AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236 1418 9612 UUGGGUCC U UUCCCUUU 9862 AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACACAAA 28237 1422 9608 GUCCUUUC C CUUUUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUUUCC C UUUUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGG 28239 1424 9606 CCUUUCCC U UUUGUGA 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGG 28240 1437 9593 UGAGUUUC U CCACAUCA 9866 UGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1440 9590 GUUUCUC A CAUCAUC 9867	1391	9639	CCAUUCUC A AACAGCCA	9854	UGGCUGUU CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG	28229
1399 9631 AAACAGCC A GGUCCUGA 9857 UCAGGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUU 28232 1404 9626 GCCAGGUC C UGACULUG 9858 CAAAGUCA CUGAUGAG GCCGUUAGGC CGAA IACCUGGC 28233 1405 9625 CCAGGUCC U GACULUGG 9859 CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGACCUGG 28234 1409 9621 GUCCUGAC U UUGGGUCC 9860 GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC 28235 1417 9613 UUUGGGUC C UUUCCCUU 9861 AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236 1418 9612 UUGGGUCC U UUCCCUUU 9862 AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28237 1422 9608 GUCCUUUC C CUUUUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUUUCC C UUUUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28239 1424 9606 CCUUUCCC U UUUGUGA 9865 CUCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGGAAAGG 28239 1437 9593 UGAGUUUC U CCACAUCA 9866 UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1440 9590 GUUUCUCC A CAUCAUCU 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28242 1440 9590 GUUUCUCC A CAUCAUCU 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28242 1442 9588 UUCUCCAC A UCAUCAUC 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28244 1448 9582 ACAUCAUC A UCGGGCC 9870 GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28246	1395	9635	UCUCAAAC A GCCAGGUC	9855	GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUUGAGA	28230
1404 9626 GCCAGGUC C UGACUJUG 9858 CAAAGUCA CUGAUGAG GCCGUJAGGC CGAA IACCUGGC 28233 1405 9625 CCAGGUCC U GACUJUGG 9859 CCAAAGUC CUGAUGAG GCCGUJAGGC CGAA IGACCUGG 28234 1409 9621 GUCCUGAC U UUGGGUCC 9860 GGACCCAA CUGAUGAG GCCGUJAGGC CGAA IUCAGGAC 28235 1417 9613 UJUGGGUC C UJUCCCUJU 9861 AAGGGAAA CUGAUGAG GCCGUJAGGC CGAA IACCCAAA 28236 1418 9612 UJUGGGUCC U UUCCCUJU 9862 AAAGGGAAA CUGAUGAG GCCGUJAGGC CGAA IACCCAAA 28237 1422 9608 GUCCUJUC C CUJUJUGUG 9863 CACAAAAG CUGAUGAG GCCGUJAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUJUCC C UJUJUGUGA 9864 UCACAAAA CUGAUGAG GCCGUJAGGC CGAA IGAAAGGA 28239 1424 9606 CCUJUCCC U UJUJUGAG 9865 CUCACAAAA CUGAUGAG GCCGUJAGGC CGAA IGAAAGGA 28239 1437 9593 UGAGUJUC U CCACAUCA 9866 UGAUGUGG CUGAUGAG GCCGUJAGGC CGAA IAAACUCA 28241 1439 9591 AGUJUCUC C ACAJCAUC 9867 GAUGAUGU CUGAUGAG GCCGUJAGGC CGAA IAAACUCA 28241 1440 9590 GUJUCUCC A CAUCAUC 9868 AGAUGAUG CUGAUGAG GCCGUJAGGC CGAA IAGAAACU 28242 1440 9588 UJUCUCCAC A UCAUCAUG 9869 CCAGAUGA CUGAUGAG GCCGUJAGGC CGAA IGAGAAAC 28243 1442 9588 UJUCUCCAC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGUJAGGC CGAA IGAGAAAC 28244 1448 9582 ACAUCAUC U GGGCCAAU 9871 AUJUGGCCC CUGAUGAG GCCGUJAGGC CGAA IAUGUGGA 28245 1448 9582 ACAUCAUC U GGGCCAAU 9871 AUJUGGCCC CUGAUGAG GCCGUJAGGC CGAA IAUGUGU 28246	1398	9632	CAAACAGC C AGGUCCUG	9856	CAGGACCU CUGAUGAG GCCGUUAGGC CGAA ICUGUUUG	28231
1404 9626 GCCAGGUC C UGACUJUG 9858 CAAAGUCA CUGAUGAG GCCGUJAGGC CGAA IACCUGGC 28233 1405 9625 CCAGGUCC U GACUJUGG 9859 CCAAAGUC CUGAUGAG GCCGUJAGGC CGAA IGACCUGG 28234 1409 9621 GUCCUGAC U UUGGGUCC 9860 GGACCCAA CUGAUGAG GCCGUJAGGC CGAA IUCAGGAC 28235 1417 9613 UJUGGGUC C UJUCCCUJU 9861 AAGGGAAA CUGAUGAG GCCGUJAGGC CGAA IACCCAAA 28236 1418 9612 UJUGGGUCC U UUCCCUJU 9862 AAAGGGAAA CUGAUGAG GCCGUJAGGC CGAA IACCCAAA 28237 1422 9608 GUCCUJUC C CUJUJUGUG 9863 CACAAAAG CUGAUGAG GCCGUJAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUJUCC C UJUJUGUGA 9864 UCACAAAA CUGAUGAG GCCGUJAGGC CGAA IGAAAGGA 28239 1424 9606 CCUJUCCC U UJUJUGAG 9865 CUCACAAAA CUGAUGAG GCCGUJAGGC CGAA IGAAAGGA 28239 1437 9593 UGAGUJUC U CCACAUCA 9866 UGAUGUGG CUGAUGAG GCCGUJAGGC CGAA IAAACUCA 28241 1439 9591 AGUJUCUC C ACAJCAUC 9867 GAUGAUGU CUGAUGAG GCCGUJAGGC CGAA IAAACUCA 28241 1440 9590 GUJUCUCC A CAUCAUC 9868 AGAUGAUG CUGAUGAG GCCGUJAGGC CGAA IAGAAACU 28242 1440 9588 UJUCUCCAC A UCAUCAUG 9869 CCAGAUGA CUGAUGAG GCCGUJAGGC CGAA IGAGAAAC 28243 1442 9588 UJUCUCCAC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGUJAGGC CGAA IGAGAAAC 28244 1448 9582 ACAUCAUC U GGGCCAAU 9871 AUJUGGCCC CUGAUGAG GCCGUJAGGC CGAA IAUGUGGA 28245 1448 9582 ACAUCAUC U GGGCCAAU 9871 AUJUGGCCC CUGAUGAG GCCGUJAGGC CGAA IAUGUGU 28246	1399	9631	AAACAGCC A GGUCCUGA	9857	UCAGGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUU	28232
1405 9625 CCAGGUCC U GACUUUGG 9859 CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGACCUGG 28234 1409 9621 GUCCUGAC U UUGGGUCC 9860 GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC 28235 1417 9613 UUUGGGUC C UUUCCCUU 9861 AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236 1418 9612 UUGGGUCC U UUCCCUUU 9862 AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IGACCCAA 28237 1422 9608 GUCCUUUC C CUUUUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUUUCC C UUUUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGA 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1437 9593 UGAGUUUC U CCACAUCA 9866 UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28242 1440 9590 GUUUCUCC A CAUCAUCU 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28242 1442 9588 UUCUCCAC A UCAUCUUG 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IGAGAAAC 28243 1448 9582 ACAUCAUC U GGGCCAAU 9870 GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28245 1448 9582 ACAUCAUC U GGGCCAAU 9871 AUUGGCCC CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28246	1404	9626		9858	CAAAGUCA CUGAUGAG GCCGUUAGGC CGAA IACCUGGC	
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1418 9612 UUGGGUCC U UUCCCUUU 9862 AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IGACCCAA 28237 1422 9608 GUCCUUUC C CUUUUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUUUCC C UUUUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGAG 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGG 28240 1437 9593 UGAGUUUC U CCACAUCA 9866 UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28242 1440 9590 GUUUCUCC A CAUCAUCU 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGAACC 28243 1442 9588 UUCUCCAC A UCAUCUUG 9869 CCAGAUGA GCCGUUAGGC CGAA IUGGAGAA 28244 1445 9585 UCCACAUC A UCUGGGCC 9870 GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28245 1448 9582 ACAUCAUC U GGGCCAAU 9871 AUUGGCCC CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28246						
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14409590GUUUCUCC A CAUCAUCU9868AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAC2824314429588UUCUCCAC A UCAUCUGG9869CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGAA2824414459585UCCACAUC A UCUGGGCC9870GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA2824514489582ACAUCAUC U GGGCCAAU9871AUUGGCCC CUGAUGAG GCCGUUAGGC CGAA IAUGAUGU28246	-					
14429588UUCUCCAC A UCAUCUGG9869CCAGAUGA CUGAUGAGGCCGUUAGGCCGAA IUGGAGAA2824414459585UCCACAUC A UCUGGGCC9870GGCCCAGA CUGAUGAGGCCGUUAGGCCGAA IAUGUGGA2824514489582ACAUCAUC U GGGCCAAU9871AUUGGCCC CUGAUGAGGCCGUUAGGCCGAA IAUGAUGU28246						
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1448 9582 ACAUCAUC U GGGCCAAU 9871 AUUGGCCC CUGAUGAG GCCGUUAGGC CGAA IAUGAUGU 28246						
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1453 9577 AUCUGGGC C AAUCACUC 9872 GAGUGAUU CUGAUGAG GCCGUUAGGC CGAA ICCCAGAU 28247						-
	1453	9577	AUCUGGGC C AAUCACUC	9872	GAGUGAUU CUGAUGAG GCCGUUAGGC CGAA ICCCAGAU	28247

Table IX

1454	0576	UCUGGGCC A AUCACUCC	9873	GGAGUGAU CUGAUGAG GCCGUUAGGC CGAA IGCCCAGA	28248
1454	9576		9874	GGAAGGAG CUGAUGAG GCCGUUAGGC CGAA IAUUGGCC	28249
1458	9572	GGCCAAUC A CUCCUUCC		GGGGAAGG CUGAUGAG GCCGUUAGGC CGAA IUGAUUGG	28250
1460	9570	CCAAUCAC U CCUUCCCC	9875		
1462	9568	AAUCACUC C UUCCCCUU	9876	AAGGGGAA CUGAUGAG GCCGUUAGGC CGAA IAGUGAUU	28251
1463	9567	AUCACUCC U UCCCCUUC	9877	GAAGGGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGAU	28252
1466	9564	ACUCCUUC C CCUUCCAU	9878	AUGGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAGGAGU	28253
1467	9563	CUCCUUCC C CUUCCAUC	9879	GAUGGAAG CUGAUGAG GCCGUUAGGC CGAA IGAAGGAG	28254
1468	9562	UCCUUCCC C UUCCAUCA	9880	UGAUGGAA CUGAUGAG GCCGUUAGGC CGAA IGGAAGGA	28255
1469	9561	CCUUCCCC U UCCAUCAU	9881	AUGAUGGA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGG	28256
1472	9558	UCCCCUUC C AUCAUCCU	9882	AGGAUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGGGGA	28257
1473	9557	CCCCUUCC A UCAUCCUC	9883	GAGGAUGA CUGAUGAG GCCGUUAGGC CGAA IGAAGGGG	28258
1476	9554	CUUCCAUC A UCCUCACC	9884	GGUGAGGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28259
1479	9551	CCAUCAUC C UCACCAGC	9885	GCUGGUGA CUGAUGAG GCCGUUAGGC CGAA IAUGAUGG	28260
1480	9550	CAUCAUCC U CACCAGCU	9886	AGCUGGUG CUGAUGAG GCCGUUAGGC CGAA IGAUGAUG	28261
1482	9548	UCAUCCUC A CCAGCUGG	9887	CCAGCUGG CUGAUGAG GCCGUUAGGC CGAA IAGGAUGA	28262
1484	9546	AUCCUCAC C AGCUGGAC	9888	GUCCAGCU CUGAUGAG GCCGUUAGGC CGAA IUGAGGAU	28263
1485	9545	UCCUCACC A GCUGGACG	9889	CGUCCAGC CUGAUGAG GCCGUUAGGC CGAA IGUGAGGA	28264
1488	9542	UCACCAGC U GGACGGCC	9890	GGCCGUCC CUGAUGAG GCCGUUAGGC CGAA ICUGGUGA	28265
1496	9534	UGGACGGC C AGGUUGGU	9891	ACCAACCU CUGAUGAG GCCGUUAGGC CGAA ICCGUCCA	28266
1497	9533	GGACGGCC A GGUUGGUG	9892	CACCAACC CUGAUGAG GCCGUUAGGC CGAA IGCCGUCC	28267
1529	9501	UAGGUGAC A ACUUGUCC	9893	GGACAAGU CUGAUGAG GCCGUUAGGC CGAA IUCACCUA	28268
1532	9498	GUGACAAC U UGUCCACU	9894	AGUGGACA CUGAUGAG GCCGUUAGGC CGAA IUUGUCAC	28269
1537	9493	AACUUGUC C ACUCCCCC	9895	GGGGGAGU CUGAUGAG GCCGUUAGGC CGAA IACAAGUU	28270
1538	9492	ACUUGUCC A CUCCCCCU	9896	AGGGGGAG CUGAUGAG GCCGUUAGGC CGAA IGACAAGU	28271
1540	9490	UUGUCCAC U CCCCCUCU	9897	AGAGGGGG CUGAUGAG GCCGUUAGGC CGAA IUGGACAA	28272
1542	9488	GUCCACUC C CCCUCUGA	9898	UCAGAGGG CUGAUGAG GCCGUUAGGC CGAA IAGUGGAC	28273
1543	9487	UCCACUCC C CCUCUGAU	9899	AUCAGAGG CUGAUGAG GCCGUUAGGC CGAA IGAGUGGA	28274
1544	9486	CCACUCCC C CUCUGAUC	9900	GAUCAGAG CUGAUGAG GCCGUUAGGC CGAA IGGAGUGG	28275
1545	9485	CACUCCCC C UCUGAUCU	9901	AGAUCAGA CUGAUGAG GCCGUUAGGC CGAA IGGGAGUG	28276
1546	9484	ACUCCCCC U CUGAUCUU	9902	AAGAUCAG CUGAUGAG GCCGUUAGGC CGAA IGGGGAGU	28277
1548	9482	UCCCCCUC U GAUCUUCU	9903	AGAAGAUC CUGAUGAG GCCGUUAGGC CGAA IAGGGGGA	28278
1553	9477	CUCUGAUC U UCUCUGGA	9904	UCCAGAGA CUGAUGAG GCCGUUAGGC CGAA IAUCAGAG	28279
1556	9474	UGAUCUUC U CUGGAGAU	9905	AUCUCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGAUCA	28280
1558	9472	AUCUUCUC U GGAGAUAA	9906	UUAUCUCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU	28281
1568	9462	GAGAUAAC A UCCAUGAC	9907	GUCAUGGA CUGAUGAG GCCGUUAGGC CGAA IUUAUCUC	28282
1571	9459	AUAACAUC C AUGACGGU	9908	ACCGUCAU CUGAUGAG GCCGUUAGGC CGAA IAUGUUAU	28283
1572	9458	UAACAUCC A UGACGGUU	9909	AACCGUCA CUGAUGAG GCCGUUAGGC CGAA IGAUGUUA	28284
1582	9448	GACGGUUC U UCCAUCAG	9910	CUGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAACCGUC	28285
1585	9445	GGUUCUUC C AUCAGCAG	9911	CUGCUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAACC	28286
1586	9444	GUUCUUCC A UCAGCAGC	9912	GCUGCUGA CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC	28287
1589	9441	CUUCCAUC A GCAGCCGG	9913	CCGCCUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28288
1592	9438	CCAUCAGC A GCCGGGCG	9914	CGCCCGGC CUGAUGAG GCCGUUAGGC CGAA ICUGAUGG	28289
1595	9435	UCAGCAGC C GGGCGCAU	9915	AUGCGCCC CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA	28290
1602	9428	CCGGGCGC A UCACUUUC	9916	GAAAGUGA CUGAUGAG GCCGUUAGGC CGAA ICGCCCGG	28291
1605	9425	GGCGCAUC A CUUUCACA	9917	UGUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAUGCGCC	28292
1607	9423	CGCAUCAC U UUCACAAC	9918	GUUGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGAUGCG	28293
1611	9419	UCACUUUC A CAACUUUG	9919	CAAAGUUG CUGAUGAG GCCGUUAGGC CGAA IAAAGUGA	28294
1613	9417	ACUUUCAC A ACUUUGUG	9920	CACAAAGU CUGAUGAG GCCGUUAGGC CGAA IUGAAAGU	28295
1616	9414	UUCACAAC U UUGUGACG	9921	CGUCACAA CUGAUGAG GCCGUUAGGC CGAA IUUGUGAA	28296
1635	9395	AGGUGAGC U CAAUGAUG	9922	CAUCAUUG CUGAUGAG GCCGUUAGGC CGAA ICUCACCU	28297
1637	9393	GUGAGCUC A AUGAUGGC	9923	GCCAUCAU CUGAUGAG GCCGUUAGGC CGAA IAGCUCAC	28298
1646	9384	AUGAUGGC C CUGGCAAG	9924	CUUGCCAG CUGAUGAG GCCGUUAGGC CGAA ICCAUCAU	28299
1647	9383	UGAUGGCC C UGGCAAGA	9925	UCUUGCCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUCA	28300
1648	9382	GAUGGCCC U GGCAAGAC	9926	GUCUUGCC CUGAUGAG GCCGUUAGGC CGAA IGGCCAUC	28301
1652	9378	GCCCUGGC A AGACGCCG	9927	CGGCGUCU CUGAUGAG GCCGUUAGGC CGAA ICCAGGGC	28302
1659	9371	CAAGACGC C GAUGUUCC	9928	GGAACAUC CUGAUGAG GCCGUUAGGC CGAA ICGUCUUG	28303
1667	9363	CGAUGUUC C CCAUCAAG	9929	CUUGAUGG CUGAUGAG GCCGUUAGGC CGAA IAACAUCG	28304
1668	9362	GAUGUUCC C CAUCAAGC	9930	GCUUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAACAUC	28305
1669	9361	AUGUUCCC C AUCAAGCA	9931	UGCUUGAU CUGAUGAG GCCGUUAGGC CGAA IGGAACAU	28306
1670	9360	UGUUCCCC A UCAAGCAG	9932	CUGCUUGA CUGAUGAG GCCGUUAGGC CGAA IGGGAACA	28307
1673	9357	UCCCCAUC A AGCAGCUC	9933	GAGCUGCU CUGAUGAG GCCGUUAGGC CGAA IAUGGGGA	28308

	WUU	2/00803/		Table IX		PCI	/0501/48350	
1677	9353	CAUCAAGC A GCUCAAGC	9934		CUCNUCAC	COCCUTA CCC CCA	A TOTALDATO	100000
1680	9350	CAAGCAGC U CAAGCACC	9935			GCCGUUAGGC CGA GCCGUUAGGC CGA		28309
1682	9348	AGCAGCUC A AGCACCUU	9936				A IAGCUGCU	28310
1686	9344	GCUCAAGC A CCUUAGCU	9937			GCCGUUAGGC CGA		28311
1688	9342	UCAAGCAC C UUAGCUUC	9938			GCCGUUAGGC CGA		28312
1689	9341	CAAGCACC U UAGCUUCA	9939			GCCGUUAGGC CGA		28313
1694	9336	ACCUUAGC U UCAUUUUC	9940			GCCGUUAGGC CGA		28314
1697	9333	UUAGCUUC A UUUUCCAA	9941			GCCGUUAGGC CGA		28316
1703	9327	UCAUUUUC C AAGUCAGC	9942			GCCGUUAGGC CGA		28317
1704	9326	CAUUUUCC A AGUCAGCU	9943			GCCGUUAGGC CGA		28318
1709	9321	UCCAAGUC A GCUCUCGU	9944			GCCGUUAGGC CGA		28319
1712	9318	AAGUCAGC U CUCGUGAU	9945			GCCGUUAGGC CGA		28320
1714	9316	GUCAGCUC U CGUGAUGC	9946			GCCGUUAGGC CGA		28321
1730	9300	CGGGUGUC C CAGCCAGC	9947			GCCGUUAGGC CGA		28322
1731	9299	GGGUGUCC C AGCCAGCU	9948			GCCGUUAGGC CGA		28323
1732	9298	GGUGUCCC A GCCAGCUG	9949			GCCGUUAGGC CGA		28324
1735	9295	GUCCCAGC C AGCUGUGU	9950	ACACAGCU	CUGAUGAG	GCCGUUAGGC CGA	A ICUGGGAC	28325
1736	9294	UCCCAGCC A GCUGUGUC	9951	GACACAGC	CUGAUGAG	GCCGUUAGGC CGA	A IGCUGGGA	28326
1739	9291	CAGCCAGC U GUGUCAUC	9952	GAUGACAC	CUGAUGAG	GCCGUUAGGC CGA	A ICUGGCUG	28327
1745	9285	GCUGUGUC A UCAGCAUA	9953	UAUGCUGA	CUGAUGAG	GCCGUUAGGC CGA	A IACACAGC	28328
1748	9282	GUGUCAUC A GCAUAGAU	9954	AUCUAUGC	CUGAUGAG	GCCGUUAGGC CGA	A IAUGACAC	28329
1751	9279	UCAUCAGC A UAGAUCUU	9955	AAGAUCUA	CUGAUGAG	GCCGUUAGGC CGA	A ICUGAUGA	28330
1758	9272	CAUAGAUC U UGCCCCCA	9956	UGGGGGCA	CUGAUGAG	GCCGUUAGGC CGA	A IAUCUAUG	28331
1762	9268	GAUCUUGC C CCCAGGCC	9957			GCCGUUAGGC CGA		28332
1763	9267	AUCUUGCC C CCAGGCCG	9958			GCCGUUAGGC CGA		28333
1764	9266	UCUUGCCC C CAGGCCGG	9959			GCCGUUAGGC CGA		28334
1765	9265	CUUGCCCC C AGGCCGGG	9960			GCCGUUAGGC CGA		28335
1766	9264	UUGCCCCC A GGCCGGGU	9961			GCCGUUAGGC CGA		28336
1770	9260	CCCCAGGC C GGGUGCCA	9962			GCCGUUAGGC CGA		28337
1777	9253	CCGGGUGC C AACUUCAC	9963			GCCGUUAGGC CGA		28338
1781	9252 9249	CGGGUGCC A ACUUCACG GUGCCAAC U UCACGCAG	9964			GCCGUUAGGC CGA		28339
1784	9246	CCAACUUC A CGCAGGAU	9965 9966			GCCGUUAGGC CGA		28340
1788	9242	CUUCACGC A GGAUGUAA	9967			GCCGUUAGGC CGA		28341
1798	9232	GAUGUAAC C CAGUUUUU	9968			GCCGUUAGGC CGA		28342
1799	9231	AUGUAACC C AGUUUUUG	9969			GCCGUUAGGC CGA		28343
1800	9230	UGUAACCC A GUUUUUGG	9970			GCCGUUAGGC CGA		28344
1813	9217	UUGGAGGC C CAAGCCCU	9971			GCCGUUAGGC CGA		28346
1814	9216	UGGAGGCC C AAGCCCUC	9972			GCCGUUAGGC CGA		28347
1815	9215	GGAGGCCC A AGCCCUCG	9973			GCCGUUAGGC CGA		28348
1819	9211	GCCCAAGC C CUCGACAC	9974			GCCGUUAGGC CGA		28349
1820	9210	CCCAAGCC C UCGACACC	9975			GCCGUUAGGC CGA		28350
1821	9209	CCAAGCCC U CGACACCU	9976			GCCGUUAGGC CGAL		28351
1826	9204	CCCUCGAC A CCUCCUCC	9977			GCCGUUAGGC CGA		28352
1828	9202	CUCGACAC C UCCUCCUG	9978			GCCGUUAGGC CGA		28353
1829	9201	UCGACACC U CCUCCUGA	9979			GCCGUUAGGC CGA		28354
1831	9199	GACACCUC C UCCUGAGU	9980			GCCGUUAGGC CGA		28355
1832	9198	ACACCUCC U CCUGAGUU	9981			GCCGUUAGGC CGA		28356
1834	9196	ACCUCCUC C UGAGUUCU	9982	AGAACUCA	CUGAUGAG	GCCGUUAGGC CGAZ	IAGGAGGU	28357
1835	9195	CCUCCUCC U GAGUUCUU	9983	AAGAACUC	CUGAUGAG	GCCGUUAGGC CGA	IGAGGAGG	28358
1842	9188	CUGAGUUC U UUCUUCCA	9984			GCCGUUAGGC CGAA		28359
1846	9184	GUUCUUUC U UCCAAGCC	9985			GCCGUUAGGC CGAZ		28360
1849	9181	CUUUCUUC C AAGCCAGU	9986			GCCGUUAGGC CGAZ		28361
1850	9180	UUUCUUCC A AGCCAGUG	9987			GCCGUUAGGC CGAF		28362
1854	9176	UUCCAAGC C AGUGGUCU	9988			GCCGUUAGGC CGAF		28363
1855	9175	UCCAAGCC A GUGGUCUU	9989			GCCGUUAGGC CGAA		28364
1862	9168	CAGUGGUC U UCAUUGAG	9990			GCCGUUAGGC CGAA		28365
1865	9165	UGGUCUUC A UUGAGAAA	9991			GCCGUUAGGC CGAA		28366
1876	9154 9153	GAGAAAAC C CAGAGCCU	9992			GCCGUUAGGC CGAA		28367
1878	9153	AGAAAACC C AGAGCCUCG GAAAACCC A GAGCCUCG	9993			GCCGUUAGGC CGAA		28368
-2.01	7132	CARACCO A GABCOOCO	9994	CGAGGCUC	CUGAUGAG	GCCGUUAGGC CGAA	TGGUUUUC	28369

315

* 45%

1886 91.46 CCCAGANCE U CGANCICE 9996 GORGUIGG GUGUIGGG GCGUILAGGE CORA TUTCUCAGE 28171 1892 91.18 UCGARACIC C AGANAGCA 9997 CUIUTICICE GUGUIGGG GCGUILAGGE CORA TUTCUCAGE 28171 1893 91.17 CORACICE C AGANAGCA 9998 UCGUIUTICE GUGUIGGG GCGUILAGGE CORA TUTCUCAGE 28171 1938 91.17 CCARACICE C AGANAGCA 9999 UCGUIUTICE GUGUIGGG GCGUILAGGE CORA TAGUIUTICA 28171 1949 1946 AGAGGAGC U CCARACCA 10001 UUGUICTICE GUGUIGGG GCGUILAGGE CORA TAGUICTA 28171 1949 CORGAGCA C GADCACA 10001 UUGUICTICE GUGUIGGG GCGUILAGGE CORA TAGUICTA 28171 1949 CORGAGCA C AGUIGAGA 10001 UUGUICTICE GUGUIGGG GCGUILAGGE CORA TAGUICTA 28171 1949 CUICCAGAC C AGUIGAGA 10001 UUGUICTA GUGUIGGG GCGUILAGGE CORA TAGUICTA 28171 1949 UCGAGACCA AGUIGACA 10001 GUGUICTA GUGUIGAG GCCGUILAGGE CARA TAGUICTA 28171 1949 UCGAGACCA AGUIGACA 10001 GUGUICTA GUGUIGAG GCCGUILAGGE CARA TAGUICTA 28171 1949 UCGAGACCA AGUIGACA 10001 GUGUICTA GUGUIGAG GCCGUILAGGE CARA TAGUICTA 28171 1940 CAUGAACC AGUIGACA 10005 AGUICTA GUGUIAGA GCCGUILAGGE CARA TAGUICTA 28191 1940 CAUGAACC AGUIGAGC 10005 AGUICTA GUGUICTA GUGUIGAGA GCCGUILAGGE CARA TAGUICTA 28191 1940 CAUGAACC AGUIGAGC 10005 AGUICTA GUGUICTA GUGUIGAGA GCCGUILAGGE CARA TAGUICTA 28191 1940 CAUGAACC AGUIGAGA GUGUICTA GUGUIGAGA GUGUIGAGA GCCGUILAGGE CARA TAGUICAGA 28194 1940 1940 AGUICTA GUGUICTA GUGUICTA 10007 GAAGACAC GUGUIGAGA GCCGUILAGGE CARA TAGUICAGA 28194 1940 1940 VUGUICAGA 10007 GAAGACAC GUGUIGAGA GCCGUILAGGA GCCGUILAGA 28194 1940	1883	9147	CCCAGAGC C UCGAACUC	9995	GAGUUCGA CUGAUGAG GCCGUUAGGC CGAA ICUCUGGG	28370
1890 91.40 CCUCRARC U CCAGAAGA 9997 CUIDUTGIG CRIANTIGA GCCGUILAGGE CRIA TUTUCCAGG 28171 1892 91.51 UGGARGUC CARAARGA 9898 CCCUTUCC CRIANTIGA GCCGUILAGGE CRIA TUTUCCAGA 28171 1894 91.52 AMACCAGE CCARAARGA 1899 UGGCUILIC CRIANTIGA GCCGUILAGGE CRIA TAGRITICA 28171 1994 91.52 AMACCAGE CCARACACA 10001 UGGUICAGE CRIANTIGA GCCGUILAGGE CRIA TUTUCCATU 28171 1914 91.52 GCCGARGC CARACACA 10001 UGGUICAGE CRIANTIGA GCCGUILAGGE CRIA TUTUCCATU 28171 1911 91.15 UCCCGARGC CARUCAGA 10002 GUICAGAGE CRIANTIGA GCCGUILAGGE CRIA TUTUCCAGA 28171 1912 91.16 UCCCGARGC CARUCAGAC 10002 GUICAGAGE CRIANTIGA GCCGUILAGGE CRIA TUTUCCAGA 28171 1912 91.16 UCCCGARGC CARUCAGAC 10002 GUICAGAGE CRIANTIGA GCCGUILAGGE CRIA TUTUCCAGA 28171 1912 11.16 UCCCGARGC CARUCAGAC 10002 GUICAGAGE CRIANTIGA GCCGUILAGGE CRIA TUTUCCAGA 28171 1912 11.16 UCCCCARGC CARUCAGAC 10002 GUICAGAG CRIANTIGA GCCGUILAGGE CRIA TUTUCCAGA 28171 1912 11.16 CARUCAGAC CARUCAGAC 10002 GUICAGAG CRIANTIGA GCCGUILAGGE CRIA TUTUCCAGA 28171 1912 11.16 CARUCAGAC CARUCAGA 10002 UCCARGAGA GUICAGA CORUCAGA CORUCAGA CARUCAGA 28171 1912 1913 1907 CARUCAGA CARUCAGA 10002 CARUCAGA CORUCAGA CORUCAGA CORUCAGA CARUCAGA 28171 1913 1907 GOCUCAGAC UCCCCUCCO 10005 CARUCAGA CORUCAGA CORUCAGA CORUCAGA CARUCAGA 28171 1913 1907 GOCUCAGAC UCCCCUCAGA CARUCAGA		CCAGAGCC U CGAACUCC	9996	GGAGUUCG CUGAUGAG GCCGUUAGGC CGAA IGCUCUGG		
1892 9138 UGGARCIC C AGALARGG 9998 COCUTUCI CUARIGING GCCULLAGGC CARA TAGRIUCCA 28377 1994 91326 AMGCARG U COCARGO 1995 UGCULUCCO CONTROL				9997		
1993 9137 CGBACCICC A GRANGCOA 9999 UGGCUUUC CUURIGAG CCCUURGCC CRAN TGAGTUCC 28374 1904 9124 ARGCRAGE CGCARCAC 10001 UGUIGGUIG CURAINGA CCCUURGCC CRAN TGCCCUCC 28376 1914 9118 CUCCURAC CANUCRAC 10002 GUICURGC CURAINGA CCCUURGCC CRAN TGCCCCCC 28376 1914 9118 UCCGARGC CANUCRAC 10002 GUICURGCC CURAINGA CCCUURGCC CRAN TGCCCGRG 28376 1914 9116 CARCIGGAC CANUCRAC 10002 GUICURGCC CURAINGA CCCUURGCC CRAN TGCCCGRG 28376 1915 9116 ACRICGARC A CURAIACC 10003 GGUICURGC CURAINGA CCCUURGCC CRAN TGCCCGRG 28376 1915 9116 ACRICGARC CANUCRAC 10004 UGGGUICA CURAINGA CCCUURGCC CRAN TGCCCGRG 28378 1916 9110 ACRICGARC CANUCRAC 10005 AGCCAUTU CURAINGA CCCUURGCC CRAN TGCCCCC 28384 1918 9100 CANUCRAC CANUCRAC 10007 GRANGCAC CURAINGA CCCUURGCC CRAN TGCCCCC 28384 1918 9100 ARABOGCU UCCCCUUR 10008 CANACAC CURAINGA CCCUURGCC CANAL CRAN THE 28382 1918 9101 ACRICGARC CURGCUCC 10008 CANACAC CURAINGA CCCUURGCC CANAL CRAN THE 28384 1918 9101 ACRICGARC CURGCUCC 10008 CANACAC CURAINGA CCCUURGCC CURGCCCU 10010 ACRICGARC CURAINGA CURAINGA CCCUURGCC CURGCCCU 10011 ARGCCARA CURAINGA CCCUURGCC CURGCCCU 10011 ARGCCARA CURAINGA CCCUURGCC CURAINGA CURAINGA CCCUURGCC CURCCARA CURAINGA CCCUURGCC CURAINGA CURAINGA CCCUURGCA CURAINGA CURAINGA CCCUURGCC CURCCARA CURAINGA CCCUURGCA CURAINGA CCCUURGCC CURAINGA CURAINGA CCCUURGCC CURCCARA CURAINGA CCCUURGCA CURAINGA CURAINGA CCCUURGCC CURAINGA CURAINGA CURAINGA CCCUURGCC CURAINGA CURAINGA CURAINGA CCCUURGCC CURAINGA CURAING						
1916 9126 ABCCARCE U CCCAGCCA 10001 UGGCUCGO CUCAUGAG GCCGULAGGC COMA INCUCCUU 28175 1916 9119 CUCCAGAC C AGGCCAA 10001 UGGCUCGO CUCAUGAG GCCGULAGGC COMA INCUCCGO 28176 1911 9119 UCCCAGAC C A CAUGAAC 10001 GUIRCUIGO CUCAUGAG GCCGULAGGC COMA INCUCCGO 28176 1912 9118 UCCCAGAC C A CAUGAAC 10001 GUIRCUIGO CUCAUGAG GCCGULAGGC COMA INCUCCGO 28176 1914 9115 CAUGAGCA C A CAUGAAC 10001 GUIRCUIGO CUCAUGAG GCCGULAGGC COMA INCUCCGO 28176 1914 9115 CAUGAGCA C A NANGCOLU 10005 AGCCAULU CUGAUGAG GCCGULAGGC COMA IUGACUCA 1915 9110 ACAUGAAC C A NANGCOLU 10005 AGCCAULU CUGAUGAG GCCGULAGGC COMA IUGACUCA 1918 9110 CAUGAGCA C A NANGCOLU 10005 AGCCAULU CUGAUGAG GCCGULAGGC COMA IUGACUCA 1918 9110 CAUGAGCA C A CAUGACCA 10008 AGGCALU CUGAUGAG GCCGULAGGC COMA ICCAUUU 1918 9110 ANUGGCUC U COUCUCCC 10008 AGGCALU CUGAUGAG GCCGULAGGC GAA IAGUCAUU 28181 1918 9110 ANUGGCUC U CUGACCCUU 10010 AGGCACAU CUGAUGAG GCCGULAGGC GAA IAGACCAU 28184 1918 9110 ANUGGCUC C UUGACCCUU 10011 AAGGCCA CUGAUGAG GCCGULAGGC GAA IAGACCAU 28184 1918 9110 AUUGACUU C CUUGACCUU 10011 AAGGCCA CUGAUGAG GCCGULAGGC GAA IAGACCAG 28184 1918 9110 AUUGACUU C UUGACCAU 10012 AAAGGCCA CUGAUGAG GCCGULAGGC GAA IAGACCAG 28184 1918 9110 AUUGACUCU C UUGACCAU 10012 AAAGGCCA CUGAUGAG GCCGULAGGC GAA IAGACCAG 28184 1918 9110 AUUGACUCU C UUGACCAU 10014 AGGCCAA CUGAUGAG GCCGULAGGC GAA IAGACCAG 28184 1918 9110 AUUGACA C UUCCCGAA 10014 GUICAGAA CUGAUGAG GCCGULAGGC GAA IAGACCAG 28184 1918 9110 AUUGACAC C UUCCCGAA 10014 GUICAGAA CUGAA 10004 1918 9110 AUUGACA C UUCCCGAA 10014 GUICAGAA CUGAAA 10004 1919 9110 AUUGACA C UUCCCGAA 10014 GUICAGAA CUGAAA 10004 1919 9110 AUUGACA C UUCCCGAA 10014 GUICAGAA CUGAAA 10004 1910 9110 AUUGACA C UUCCCGAA 10014 GUICAGAA CUGAAA 10004 1910 9110 AUUGACA C UUCCCGAA 10014 GUICAGAA CUGAAGAG CUGAAA GCCGULAGGC CAA IAGAGC						
1916 1912 GEGGGGC C CARGEACA 10001 UTUGGCUC CUDATGAG GEGGUILAGGC CRAA TAGGCCCC 28376						
1911 1911 CUCCARGO C ACAIGAAC 10001 GUIUCARIGA CICARIDAG COSTULAGO CICAR CUCCAGA 28377						
1912 1918 UCCGARGC A CALGARCE 10018 GUULCAUG CUGARGAG GOOGULAGG CORA INGCINGGA 28379 1910 1910 CARGAGCA A UGARACCA 10004 UTGURUTA GUARGING GOOGULAGG CORA INGCINCE 28379 1921 9109 CARGAGCA ANADGCOU 10005 GAGCCAUUU CURRITIAG GOOGULAGGE CORA INUICAUEU 28380 1922 P3102 CARAUGGC CARAUGGCU 10006 GAGCCAUU CURRITIAG GOOGULAGGE CORA INUICAUEU 28380 1938 9102 CARAUGGCU UTGUCCUIC 10007 GAGAGCAG CURRIDAG GOOGULAGGE CORA INCLUTUR 28381 1938 9102 CARAUGGCU UTGUCCUIC 10009 CORAGGCAG CURRIDAG GOOGULAGGE CORA INCLUTUR 28381 1938 9107 GOOLUCIGU UTGUCCUIC 10009 CORAGGCA CURRIDAG GOOGULAGGE CORA INCLUTUR 28381 1938 9094 UTGUCCUIC UTGUCCUIC 10009 CORAGGCA CURRIDAG GOOGULAGGE CORA INACAGA 28386 1938 9092 UTGUCCUIC UTGUCCUIC 10011 ARAGGCA CURRIDAG GOOGULAGG CORA INACAGA 28386 1938 9092 UTGUCCUIC UTGUCCUIC 10011 ARAGGCA CURRIDAG GOOGULAGG CORA INACAGA 28386 1944 9086 CUUUGCCU UTGUCCUI 10012 ARAGGCA CURRIDAG GOOGULAGG CORA INACAGA 28386 1948 9092 UTGUCCO UTGUCCA 10013 UTGUCGAA CURRIDAG GOOGULAGG CORA INACAGA 28386 1948 9092 GOOCUUUC CORAGUCU 10015 GAGGAGA CURRIDAG GOOGULAGG CORA INCAGAG 28390 1953 9077 UTGUCGAA UTGUCGAA 10014 GUUCGGAA CURRIDAG GOOGULAGG CORA INCAGAG 28390 1955 9077 UTGUCGAA UTGUCCAGA 10014 ACCGGAG CURRIDAG GOOGULAGG CORA INCAGGC 28390 1956 9092 GUUUUUU CUCICIUI 10017 ARAGGCA CURRIDAG GOOGULAGG CORA INCAGGC 28390 1957 9073 CORAGGCO UTGUCCAA 10017 ARAGGCA CURRIDAG GOOGULAGG CORA INCAGGA 28391 1957 9075 CORAGGCO UTGUCCAA 10017 ARAGGCA CURRIDAG GOOGULAGG CORA INCAGGC CORA INCAGGA 28391 1958 9075 CORAGGCO UTGUCCAA 10017 ARAGGCA CURRIDAG GOOGULAGG CORA INCAGGC CORA INCAGGA 28391 1958 9075 CURRIDAG UTGUCCAA 10017 GAAGGA CURRIDAG GOOGULAGG						
1916 1916						
1920 9310						
1919 1919 2048AACC A ABGGCUC 10006 68GCCAUU CUGAUKING GCCGULAGGC COAA TGUUCAUG 28381 1930 1910 AAUGGCUC U GCUUCCCU 10008 AGGANGG CUGAUGAG GCCGULAGGC COAA TGCAUUTUG 28382 1931 1910 AAUGGCUC U GCUUCCCU 10008 AGGANGG CUGAUGAG GCCGULAGGC COAA TGCACUTUG 28383 1937 3997 GGCUUGC C CUGAGCCU 10010 AAGGCCAA CUGAUGAG GCCGULAGGC COAA TAAGCAGA 28384 1937 3999 UCCCUUCC C UUGAGCCUU 10011 AAGGCCAA CUGAUGAG GCCGULAGGC COAA TAAGCAGA 28384 1937 3999 UCCCUUCC C UUGAGCCUU 10011 AAGGCCAA CUGAUGAG GCCGULAGGC COAA TAAGCAGA 28385 1937 3999 UCCCUUCC C UUGAGCCUU 10012 AAAGGCCA CUGAUGAG GCCGULAGGC COAA TAAGCAGA 28386 1938 3997 UCCCUUCCC UUGAGCCUU 10012 AAAGGCCA CUGAUGAG GCCGULAGGC COAA TCAAGCAG 28386 1938 1938 1932 UCCCUUCCC UUGAGCCUU 10012 AAAGGCCA CUGAUGAG GCCGULAGGC COAA TCAAGGCA 28386 1938 1						
1928 9102 CARAUGGC U GUUICCCU 10009 AGGARGC CUBAUGGG CORA I CACUTUG 28382 1933 9097 GGCUCUGC U UCCCUUGG 10009 CCARGGGA CUGAUGGG GCGULAGGC CORA I TAGCAGC 28384 1933 9097 GGCUCUGC U UCCCUUGG 10009 CCARGGGA CUGAUGGG GCGULAGGC CORA I TAGCAGC 28384 1936 9094 CUGCUCUC C UUIGCCCUU 10011 ARGCCARA CUGAUGGG GCGGULAGGC CORA I TAGCAGC 28384 1938 9092 UGCUUCC C UUIGCCCUU 10011 ARGCCARA CUGAUGGG GCGGULAGGC CORA I TAGCAGC 28384 1938 9092 UGCUUCCC C UUIGCCCUU 10011 CARGCCARA CUGAUGGG GCGGULAGGC CORA TAGCAGGA 28386 1938 9092 UGCUUCCC C UUIGCCARA 10013 UUCCGGARA CUGAUGGG GCGGULAGGC CORA TAGCAGGA 28387 1934 9097 CCCUUGGC C UUICCGARA 10013 UUCGGARA CUGAUGGG GCGAR TAGCAGGA 28389 1944 9086 CCUUGGCC U UUCCGARA 10013 UUCGGARA CUGAUGGG GCGAR TAGCAGG 28389 1944 9086 CCUUGGCC U UUCCGARC 10014 GUUCGGARA CUGAUGGG GCGAR TAGCAGG 28389 1948 9082 GGCCUULC C GARCUUCL 10015 GARGGUUC CUGAUGGG GCGAR TAGCAGG 28389 1948 9082 GGCCUULC C GARCUUCL 10015 GARGGUC CUGAUGGG GCGAR TAGCAGG 28389 1958 9097 UUCCGARC U CCGGGUU 10016 ACCCGGAG CUGAUGGG GCGAR TAGCAGG 28391 1958 9097 UUCCGARC U CCGGGUU 10017 ARACCCGG CUGAUGGG GCGGULAGGC CGAR TAGCAGG 28392 1959 9073 GARCUCUC C GGGUUUU 10018 ARACCCGG CUGAUGGG GCCGULAGGC CGAR TAGCAGG 28392 1959 9073 GARCUCUC C GCGGUUU 10017 ARACCCGG CUGAUGGG GCCGULAGGC CGAR TAGCAGG 28392 1959 9056 UUUUUUCC U CUCUUUCC C 10020 10020 GARAGG CUGAUGGG GCCGULAGGC CGAR TAGAGGA 28391 1970 9056 UUUUUCCCA 10021 10020 100	-					
1930 9100 ANIGGCU U GUUUCCU 10009 CAAAGGA CUGAUGAG GCGUUNAGG CGAA IAGCARU 28383 1937 GGUUUGG U UCCCUUGG 10010 AGGCCAA CUGAUGAG GCGUUNAGG CGAA IAAGCAG 28384 1937 9993 UUUGCUUC C UUGGCCU 10011 AAGGCCAA CUGAUGAG GCGUUNAGG CGAA IAAGCAG 28385 1937 9993 UUCUUCCC U UGGCCUU 10012 AAGGCCAA CUGAUGAG GCGUUNAGG CGAA IAAGCAG 28385 1938 9992 UUCUUCCC U UGGCCUU 10012 AAGGCCAA CUGAUGAG GCGUUNAGG CGAA IAAGCAG 28386 1938 9992 UUCUUCCC U UGGCCUU 10013 UUCGAAA CUGAUGAG GCGUUNAGG CGAA ICCAAGGG 28386 1934 9086 CCUUGGC C UUUCCGAA 10013 UUCGAAA CUGAUGAG GCGUUNAGG CGAA ICCAAGGG 28386 1944 9086 CCUUGGC U UUCCGAA 10014 GUUCGGAA CUGAUGAG GCGUUNAGG CGAA ICCAAGGG 28389 1944 9086 CCUUGGC U UUCCGAA 10014 GUUCGGAA CUGAUGAG GCGUUNAGG CGAA ICCAAGGG 28381 1944 9086 CCUUGGC U UUCCGAAC 10015 GAGGGUU CUGAUGAG GCGUUNAGG CGAA ICCAAGGG 28391 1944 9086 CCUUGGC U UUCCGAAC 10015 GAGGGUU CUGAUGAG GCGUUNAGG CGAA IAAGGCC 28390 1957 UUCCGAAC U CCCGGGUU 10017 AAACCGG CUGAUGAG GCGUUNAGG CGAA IAAGGCC 28390 1957 UUCCGAAC U CCCGGGUU 10017 AAACCGG CUGAUGAG GCGUUNAGG CGAA IAAGGCU 28391 1958 9075 CCGAACU U CCGGGUU 10018 AAAACAG CUGAUGAG GCGUUNAGG CGAA IAAGGUU 28391 1958 9075 GAACUCUC U CUCUCUCU 10018 AAAACAG CUGAUGAG GCGUUNAGG CGAA IAAGGUU 28391 1958 9056 UUUUCUCU U CUUCCCA 10021 10018 AAAACAG CUGAUGAG GCGUUNAGG CGAA IAAGAAAAA 28394 1979 9058 UUUUCUCU U CUUCCCA 10021 10020 GAAAAGAG CUGAUGAG GCGUUNAGG CGAA IAAGAAAAA 28395 1974 9056 UUCUCUCU U CUUCCCA 10021 10020 GAAAAGAG CUGAUGAG GCGUUNAGG CGAA IAAGAAAA 28395 1974 9056 UUCUCUCU U CUUCCCA 10021 10022 GAAAGGAG CUGAUGAG GCGUUNAGG CGAA IAAGAGAG 28397 1978 9051 CUCUUUC C C AUCAGGU 10022 GAAGGGAA CUGAUGAG GCGUUNAGG CGAA IAAGAGAG 28397 1978 9052 UUCUCUCU C C AUCAGGA 10022 GAAGGGAA CUGAUGAG GCGUUNAGG CGAA IAAGAGAG 28399 1002000000000000000000000000000000000						
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1936 9994						28383
1938 9993 UGUCUCCC C UUGGCCUU 10011 AAGGCCA CUGAUGAG GCCGUUAGGC CGAA IGAAGCAC 28386 1938 9992 UGCUCCCC U UGGCCUUU 10012 AAAGGCCA CUGAUGAG GCCGUUAGGC CGAA IGAAGCAC 28387 1943 99867 CCCUUGGC C UUUCCGAA 10013 UUCGGAAA CUGAUGAG GCCGUUAGGC CGAA IGCAAGGC 28388 1944 9986 GCCCUUCC C GAACUCCU 10115 GAGAGUCC CUGAUGAG GCCGUUAGGC CGAA ICCAAGGG 28389 1944 9986 GCCCUUCC C GAACUCCU 1015 GAGAGUCC CUGAUGAG GCCGUUAGGC CGAA IACAAGGC 28390 1953 9977 UUCGGAAC U CUCCGGGU 1016 ACCCGGAG GUGAUGAG GCCGUUAGGC CGAA IACACGCC 28390 1955 9975 CCGAACUC U CCGGGUU 1016 ACCCGGAG GUGAUGAG GCCGUUAGGC CGAA IACACGCC 28390 1955 9975 CCGAACUC U CCGGGUU 1016 ACCCGGAG GUGAUGAG GCCGUUAGGC CGAA IACACGCC UCUCCUCU 10150 AAAGCACGC GUGAUGAG GCCGUUAGGC CGAA IACACGCC UCUCCUCU 10150 AAAGCACGC GUGAUGAG GCCGUUAGGC CGAA IACACGCC CUGAUGAG GCCGUUAGGC CGAA IACACCCC UCUCCUCU 10170 AAAGCAGA GCCGUUAGGC CGAA IACACCCC CUGAUGAG GCCGUUAGGC CGAA IACACCCC UCUCCUCU 10170 AAAGCAGA GCCGUUAGGC CGAA IACACCCC CUGAUGAG GCCGUUAGGC CGAA IACACCAC UCUCCUCU 10170 AAAGCAGA GCCGUUAGGC CGAA IACACCAC UCUCCAC 10019 AAAGACAC CUGAUGAG GCCGUUAGGC CGAA IACACACA CUGAUGAG GCCGUUAGGC CGAA IACACACC CUGAUGAG GCCGUUAGGC CGAA I	1933	9097	GGCUCUGC U UCCCUUGG	10009		28384
1938 9992 UGGCUICC U UGGCCUU 10013 AAAGCCA CUGAUGAG GCCGUUAGGC CGAA IGCAAGCA 28387 1948 9085 CCCUUGGC C UUUCCGAA 10013 UUCGGAAC UUCGUAAA CUGAUGAG GCCGUUAGGC CGAA IGCAAGGG 28388 1948 9082 GGCCUUUC GAACUCUC 10015 GAGAGUUC CUGAUGAG GCCGUUAGGC CGAA IGCAAGGG 28389 1948 9082 GGCCUUUC CAACUCUC 10015 GAGAGUUC CUGAUGAG GCCGUUAGGC CGAA IGCCAAGG 28390 1953 9077 UUCCGAAC U CUCAGGGG 10016 AACGCGGG CUGAUGAG GCCGUUAGGC CGAA IGUUCGGA 28391 1955 9075 CCGAACUC CCGGGGGU 10016 AACGCGGG CUGAUGAG GCCGUUAGGC CGAA IAGUUCGG 28391 1955 9075 CCGAACUC CCGGGUUUU 10017 AAACCGG CUGAUGAG GCCGUUAGGC CGAA IAGUUCGG 28391 1956 9062 GUUUUUUC U CUCLUUUU 10018 AAAACCC CUGAUGAG GCCGUUAGGC CGAA IAGAGGAC 28391 1970 9060 UUUUUCCU U CUUUUCC 10021 AAAGCAGAG CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA 28396 1972 9058 UUUUUCCU UUUCCCA 10021 UGGAAAG CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA 28396 1974 9058 UUUUUCCU UUUCCCA 10021 UGGAAAG CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA 28396 1974 9058 UUUUUCCU UUUCCCA 10022 GAUGAGAG CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA 28396 1974 9058 UUUUUCCU CUUUUCCA 10022 GAUGAGAG CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA 28397 1978 9052 UCUCUUUC CAUCAUGU 10023 AACAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA 28396 1979 9051 CUUUUCCC AUCAGUGU 10023 AACAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA 28396 1979 9051 CUUUUCCC AUCAGUGU 10023 AACAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA 28401 1998 9054 UUUCCCAUC AUGAGGA CUGAUGAG GCCGUUAGGC CGAA IAGAGGAA 28401 1998 9054 UUUCCACC AUGAGGA CUGAUGAG GCCGUUAGGC CGAA IAGAGGAA 28401 1998 9054 UUCCACAC AUGAGGA CUGAUGAG GCCGUUAGGC CGAA IAGAGGAA 28401 1998 9055 AGUGGAGA AUGAGGAG UUCACAC CUGAUGAG GCCGUUAGGC CGAA IAGAGGAG 28402 1998 1998 1998 1998 1998 1998 1998	1936	9094		10010		28385
1944 9086 CCCUUIGCC C UIUCCGAA 10014 GUIUGGAA CUGAUIGAG CCCUUIAGC CGAA ICCAAGG 28388 1944 9086 CCCUUIGCCA UUICCGAAC 10014 GUIUGGAAC UIGAUGAG CCCUUIAGC CGAA ICCAAGG 28388 1948 9082 GGCCUUIC C GAACUCUC 10015 GAGAGUUC CUGAUGAG GCCGUUIAGGC CGAA IAAAGGCC 28390 1953 9077 UUCCGAAC U CUCCGGGU 10016 ACCCGGAG CUGAUGAG GCCGUUIAGGC CGAA IUUCGGAA 28391 1955 9075 CCGAACAC U CCGGGGUU 10017 AAACCGC CUGAUGAG GCCGUUIAGGC CGAA IUUCGGAA 28391 1957 9073 GAACUCUC C GGGUUUUU 10018 AAAACCC CUGAUGAG GCCGUUIAGGC CGAA IAGGUUCG 28392 1957 9073 GAACUCUC C GGGUUUUU 10018 AAAAACCC CUGAUGAG GCCGUUIAGGC CGAA IAGGUUCG 28392 1956 9062 GUUUUUUC U CUCUCUUU 10019 AAAGAGAG CUGAUGAG GCCGUUIAGGC CGAA IAGAGAAAC 28391 1970 9060 UUUUUCUC U CUUUUCCCA 10021 UGGAAAAG CUGAUGAG GCCGUUIAGGC CGAA IAGAGAAA 28395 1972 9058 UUCUCUUC U CUUUCCCA 10021 UGGAAAAG CUGAUGAG GCCGUUIAGGC CGAA IAGAGAAA 28397 1978 9055 UCCUUUCC U UUCCCCAA 10021 UGGAAAAG CUGAUGAG GCCGUUIAGGC CGAA IAGAGAAA 28397 1979 9051 UCUUUCCC A UCAUGUU 10023 ACAGGGA CUGAUGAG GCCGUUIAGGC CGAA IAAGAGAA 28397 1979 9051 UCUUUCCC A UCAUGUU 10024 AACAGGAU CUGAUGAG GCCGUUIAGGC CGAA IAAGAGAA 28397 1979 9051 UCUUCUCC A UCAUGUU 10024 AACAGGAU CUGAUGAG GCCGUUIAGGC CGAA IAAGAGAA 28397 1979 9051 UUCCCAUC A UCAUGUU 10025 ACACGGG CUGAUGAG GCCGUUIAGGC CGAA IAAGAGAA 28400 280				10011		28386
1948 9086 CCUUGGCC U UIJCCGAAC 10015 GGIGGGAA CUGAUGAG GCCGUUAGGC CGAA IGCCAAGG 28189 1998 9082 GGCCUUUC C GAACUCUC 10015 GAGAGUUC CUGAUGAG GCCGUUAGGC CGAA IUJCGGGAA 28199 1955 9075 CUCCAGACU U CCGGGGUU 10017 AAACCCGG CUGAUGAG GCCGUUAGGC CGAA IUJCGGGAA 28391 1955 9075 CGGAACUC C CCGGGUUU 10018 AAAACCC CUGAUGAG GCCGUUAGGC CGAA IUJCGGGA 28392 1957 9073 GAACUCUC C GGGUUUU 10018 AAAACCC CUGAUGAG GCCGUUAGGC CGAA IUJCGGA 28393 1958 9062 GUUUUUUC C CUCUCUUU 10019 AAAAGAGAG CUGAUGAG GCCGUUAGGC CGAA IAAGAGAAA 28394 1970 9060 UUUUUCUC U CUUUUCCC 10020 GGAAAGAG CUGAUGAG GCCGUUAGGC CGAA IAAGAGAAA 28395 1972 9058 UUUUCUCUC U CUUUCCCA 10021 UUGGGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAGAGAAA 28395 1974 9056 UUUUUCUC C AUCAUGAU 10022 GAUGGGAA CUGAUGAG GCCGUUAGGC CGAA IAAGAGAAA 28396 1974 9056 UUUUUCUC C CAUCAUGAU 10022 GAUGGGAA CUGAUGAG GCCGUUAGGC CGAA IAAGAGAA 28397 1978 9051 CUCUUUUC C CAUCAUGU 10022 GAUGGGAA CUGAUGAG GCCGUUAGGC CGAA IAAGAGAA 28397 1979 9051 CUCUUUCC CAUCAUGU 10024 AACAUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAGAA 28398 1979 9051 CUCUUUCC AUCAUGAUG 10024 AACAUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAGAA 28398 1980 9050 UUUUCCCAA CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA IAAGAGAA 28400 10025 CAACUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAGAA 28400 10025 CAACUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAGAA 28400 10025 CAACUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAGA 28400 10025 CAACUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAGA 28400 10025 AGGUGGAA AUCAUCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGA 28400 10025 AGGUGGAA AUCAUCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGA 28400 10025 AGGUGGAA AUCAUCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGAA 28400 10025 AGGUGGAA AUCAUCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGAA 28400 10025 AGGUGGAA AU				10012		28387
1948 9082 GGCCUUUC C GARCUCUC 10015 GAGAGUUC CUGAUGAG GCCGUUAGGC CGAA TAAGGCC 28390 1953 9077 UUCCGAAC U CUCCGGGUU 10016 AAACCCGG CUGAUGAG GCCGUUAGGC CGAA TAAGUCCGG 28391 1957 9073 GAACUCUC C GGGUUUU 10018 AAAACCC CUGAUGAG GCCGUUAGGC CGAA TAAGUCGG 28392 1958 9062 GUUUUUUCU U CUCUCUUU 10018 AAAAACCC CUGAUGAG GCCGUUAGGC CGAA TAAGUCGG 28393 1979 9060 UUUUUCUC U CUCUCUUU 10019 AAAGAGG CUGAUGAG GCCGUUAGGC CGAA TAAGAAAC 28394 1970 9060 UUUUUCUC U CUCUCUUU 10019 AAAGAGG CUGAUGAG GCCGUUAGGC CGAA TAAAAAC 28394 1972 9058 UUUCUCCU U UCUCCCA 10021 GGAAAGG CUGAUGAG GCCGUUAGGC CGAA TAAAAAC 28394 1972 9058 UUUCUCCU U UUCCCA 10022 GAAGGAG CUGAUGAG GCCGUUAGGC CGAA TAAGAAAA 28395 1979 9055 UUCUCCUC U UUCCCAU 10022 GAAGGAG CUGAUGAG GCCGUUAGGC CGAA TAAGAGAA 28396 1979 9051 CUCUUUUC C AUCAUGUU 10024 AACAUGAU CUGAUGAG GCCGUUAGGC CGAA TAAGAGAA 28398 1979 9051 CUCUUUUC C AUCAUGUU 10024 AACAUGAU CUGAUGAG GCCGUUAGGC CGAA TAAGAGAA 28398 1979 9051 UUCUCCAU AUCAUGUU 10024 AACAUGAU CUGAUGAG GCCGUUAGGC CGAA TAGAGAAA 28398 1979 9051 UUCUCCAU AUCAUGUU 10025 CAACAUGA CUGAUGAG GCCGUUAGGC CGAA TAGAGAA 28401 19394 9045 UUCCCAUC AUCAUGUU 10025 CAACAUGA CUGAUGAG GCCGUUAGGC CGAA TAGAUGA 28401 19394 9045 UUCCCAUC AUCAUGUU 10025 CAACAUGA CUGAUGAG GCCGUUAGGC CGAA TAGAUGA 28401 19394 GUAAAUGA AACAUGAC CUGAUGAG GCCGUUAGGC CGAA TAGAUGA 28401 19394 GUAACAUC AACAUGA CUGAUGAG GCCGUUAGGC CGAA TAGAUGA 28401 19394 GUACAUC CCCCCACAG 10025 CUGACGGC CUGAUGAG GCCGUUAGGC CGAA TAGAUGA 28401 19394 GUACAUC CCCCCACAG 10030 UUCCCACC UUGAGGG GCCGUUAGGC CGAA TAGAUGA 28401 10041 GUACAUC CCCCCACAGA 10030 UUCCGCGG CUGAUGAG GCCGUUAGGC CGAA TAGAUGAC 28403 10041 10041 10041 10041 10041 10041 10041 10041 10041 1	1943	9087	CCCUUGGC C UUUCCGAA	10013		28388
1953 9977	1944	9086	CCUUGGCC U UUCCGAAC	10014		28389
1955 9975	1948	9082	GGCCUUUC C GAACUCUC	10015	GAGAGUUC CUGAUGAG GCCGUUAGGC CGAA IAAAGGCC	28390
1957 9973	1953	9077	UUCCGAAC U CUCCGGGU	10016	ACCCGGAG CUGAUGAG GCCGUUAGGC CGAA IUUCGGAA	28391
1968 9062 GUUUUUUC U CUCUUUU 10019 AAAGAGA CUGAUGAG GCCGUUAGGC CAA IAAAAAAC 28394 1970 9060 UUUUUUCUC U CUCUUUCC 10020 GAAAAGA CUGAUGAG GCCGUUAGGC CAA IAAAAAA 28395 1972 9058 UUUUUUCUC U UUCCCAL 10022 GAAGGAAAA CUGAUGAG GCCGUUAGGC CAA IAGAAAA 28396 1974 9056 UUCUUUUC C UUCCCAL 10022 GAUGGGAA CUGAUGAG GCCGUUAGGC CAA IAGAGAA 28397 1978 9052 UUCUUUUC C AUCAUGU 10023 ACADGAUG CUGAUGAG GCCGUUAGGC CAA IAGAGAA 28397 1978 9051 CUCUUUUC C AUCAUGU 10023 ACADGAUG CUGAUGAG GCCGUUAGGC CAA IAGAGAA 28397 1979 9051 CUCUUUUC C AUCAUGU 10025 CAACAUGA CUGAUGAG GCCGUUAGGC CAA IAGAGAG 28399 1980 9050 UUCUCCAL AUCAUGU 10025 CAACAUGA CUGAUGAG GCCGUUAGGC CAA IAGAAGA 28399 1980 9050 UUCUCCAL A UCAUGUU 10025 CAACAUGA CUGAUGAG GCCGUUAGGC CAA IAGAAGA 28400 1983 9047 UUCCCAUC A UCAUGUA 10025 UUACAACA CUGAUGAG GCCGUUAGGC CAA IAGACAG 28401 1995 9034 GUAAAAAA 10026 UUACAACA CUGAUGAG GCCGUUAGGC CAA IAGUUAC 28402 2009 9025 AGUGUGAC A UUCCCCCC 10028 GGGGGGA CUGAUGAG GCCGUUAGGC CAA IAGUUAC 28403 28099 9021 UGACAUUC CCCCGCAG 10029 CUGCGGG CUGAUGAG GCCGUUAGGC CAA IAAGUGC 28403 28099 9021 UGACAUUC CCCCGCAG 10029 CUGCGGG CUGAUGAG GCCGUUAGGC CAA IAAGUGC 28403 28099 9021 AGAAUUCC CCCCGCAG 10039 CUGAUGAG GCCGUUAGGC CAA IAAGUGC 28403 28404 28405	1955	9075	CCGAACUC U CCGGGUUU	10017	AAACCCGG CUGAUGAG GCCGUUAGGC CGAA IAGUUCGG	28392
1970 9060	1957	9073	GAACUCUC C GGGUUUUU	10018	AAAAACCC CUGAUGAG GCCGUUAGGC CGAA IAGAGUUC	28393
1972 9058	1968	9062	פטטטטטטכ ט כטכטכטטט	10019	AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA IAAAAAAC	28394
1974 9056	1970	9060	UUUUUCUC U CUCUUUCC	10020	GGAAAGAG CUGAUGAG GCCGUUAGGC CGAA IAGAAAAA	28395
1978 9052	1972	9058	UUUCUCUC U CUUUCCCA	10021	UGGGAAAG CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA	28396
1979 9051	1974	9056	UCUCUCUC U UUCCCAUC	10022	GAUGGGAA CUGAUGAG GCCGUUAGGC CGAA IAGAGAGA	28397
1980 9050	1978	9052	UCUCUUUC C CAUCAUGU	10023	ACAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAAAGAGA	28398
1980 9950 UCUUUCCC A UCAUGUUG 10025 CAACAUGA CUGAUGAG GCGUUAGGC CGAA IGGAAAGA 28400 1983 9047 UUCCCAUC A UGUUGUAA 10026 UUACAACA CUGAUGAG GCCGUUAGGC GCAA IAUGGGAA 28401 1996 9034 GUAAAUGC A AGUGUGAC 10027 GUCACACU CUGAUGAG GCCGUUAGGC CGAA IAUGGGAA 28401 2005 9025 AGUGUGAC A UUCCCCCC 10028 GGGGGGAA CUGAUGAG GCCGUUAGGC CGAA IAUGCACU 28402 2009 9021 UGACAGUU C CCCGCAGA 10029 CUGGGGGG CUGAUGAG GCCGUUAGGC CGAA IAUGUCA 28403 2009 9021 UGACAGUU C CCCGCAGA 10030 UCUGCGGG CUGAUGAG GCCGUUAGGC CGAA IAUGUCA 28404 2010 9020 GACAUUCC CCCGCAGA 10031 AUCUGCGG CUGAUGAG GCCGUUAGGC CGAA IGAAUGUU 28405 2011 9019 ACAUUCCC CCCGCAGA 10031 AUCUGCGG CUGAUGAG GCCGUUAGGC CGAA IGGAAUGU 28405 2012 9018 CAUUCCCC C GCAGAUG 10032 CAUCUGC CUGAUGAG GCCGUUAGGC CGAA IGGGGAAU 28407 2013 9017 AUUCCCCC C GCAGAUGU 10033 ACAUCUGC CUGAUGAG GCCGUUAGGC CGAA IGGGGAAU 28408 2016 9014 CCCCCCGC C GAGGUGC 10034 GGCACAUC CUGAUGAG GCCGUUAGGC CGAA IGGGGAAU 28408 2024 9006 AGAUGUGC UCGCGCUC 10035 GAGGGCG CUGAUGAG GCCGUUAGGC CGAA IGCACAUC 28411 2025 9005 GAUGUGCC UCGCCCUC 10035 GAGGGCG CUGAUGAG GCCGUUAGGC CGAA ICACAUCU 28411 2031 8997 UCGCGCUC UCAUCCAC 10038 GGUGGAGG CUGAUGAG GCCGUUAGGC CGAA IGCACAUC 28412 2034 8996 CGCGCUCC UCAUCCAC 10038 GGUGGAG CUGAUGAG GCCGUUAGGC CGAA IGCACAUC 28412 2034 8996 CGCCCUCC AUCUCCCC 10037 GAGAGGG CUGAUGAG GCCGUUAGGC CGAA IGCACAGG 28412 2035 8991 UCCUCAUC AUCCACCAU 10041 GAGAUGGU CUGAUGAG GCCGUUAGGC CGAA IGCACAGG 28412 2036 8994 CCCUCCUC AUCCACCAU 10041 GAGAUGGU CUGAUGAG GCCGUUAGGC CGAA IGAGGGG 28412 2040 8990 CCUCAUCC AUCUCCCA 10041 GAGAUGGU CUGAUGAG GCCGUUAGGC CGAA IGAGGGG 28417 2042 8988 UCAUCCCC ACAUCUC 10042 GGAGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGGGG 284	1979	9051	CUCUUUCC C AUCAUGUU	10024	AACAUGAU CUGAUGAG GCCGUUAGGC CGAA IGAAAGAG	28399
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1996 9934	1983	9047	UUCCCAUC A UGUUGUAA	10026	UUACAACA CUGAUGAG GCCGUUAGGC CGAA IAUGGGAA	
2005 9025 AGUGUGAC A ULCCCCC 10028 GGGGGGAA CUGAUGAG CCGULAGGC CGAA IUCACACU 28403 2009 9021 UGACAUUC CCCCGCAGA 10029 CUGCGGGG CUGAUGAG CCCGULAGGC CGAA IAALGUCA 28405 2011 9019 ACAUUCCC CCCGCAGAU 10031 AUCUGCGG CUGAUGAG GCCGULAGGC CGAA IGGAAUGU 28405 2012 9018 CAUUCCCC C CGCAGAUG 10032 CAUCUGGG CUGAUGAG CCGA GGAA 18406 2013 9017 AUUCCCCC C GCAGAUGU 10031 ACAUCUGC CUGAUGAG CCGAUGAG CGAA IGGGGAAU 28407 2013 9017 AUUCCCCC GCAGAUGU 10034 GGACACUC CUGAUGAG CCGAALAGGA CGAA IGGGGGG 28408 2024 9006 AGAUGUGC U CGCGCUC 10036 GGAGCGC CUGAUGAG GCCGULAGGC CGAA IGCACAUC 28411 2031 8999 <td>1996</td> <td>9034</td> <td>GUAAAUGC A AGUGUGAC</td> <td>10027</td> <td></td> <td>-</td>	1996	9034	GUAAAUGC A AGUGUGAC	10027		-
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2042 8988 UCAUCCAC C AUCUCCCA 10043 UGGGAGAU CUGAUGAG GCCGUUAGGC CGAA IUGGAUGA 28418 2043 8987 CAUCCACC A UCUCCCAA 10044 UUGGGAGA CUGAUGAG GCCGUUAGGC CGAA IGUGGAUG 28419 2046 8984 CCACCAUC U CCCAAAAU 10045 AUUUUGGG CUGAUGAG GCCGUUAGGC CGAA IAUGGUGG 28420 2048 8982 ACCAUCUC C CAAAAUUU 10046 AAAUUUU CUGAUGAG GCCGUUAGGC CGAA IAGAUGG 28421 2049 8981 CCAUCUCC C AAAAUUU 10047 AAAAUUUU CUGAUGAG GCCGUUAGGC CGAA IGGAGAUG 28422 2050 8980 CAUCUCC A AAAUUUUG 10048 CAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IGGAGAUG 28423 2063 8967 UUUGGAUC U UCAACUGC 10049 GCAGGUGA CUGAUGAG GCCGUUAGGC CGAA IAAGAUC 28424 2066 8964 GGAUCUUC A ACUGCUUC 10050 GAAGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGAUCC 28425 2069 8961 UCUUCAAC U GCUUCUCU 10051 AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGA 28426 2072 8958 UCAACUGC U UCUCUGC 10052 GCCAGGAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU 28427 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td></tr<>						
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2046 8984 CCACCAUC U CCCAAAAU 10045 AUUUUGGG CUGAUGAG GCCGUUAGGC CGAA IAUGGUGG 28420 2048 8982 ACCAUCUC C CAAAAUUU 10046 AAAUUUU CUGAUGAG GCCGUUAGGC CGAA IAGAUGGU 28421 2049 8981 CCAUCUCC C AAAAUUUU 10047 AAAAUUUU CUGAUGAG GCCGUUAGGC CGAA IGAGAUGG 28422 2050 8980 CAUCUCCC A AAAUUUU 10048 CAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IGAGAUG 28423 2063 8967 UUUGGAUC U UCAACUGC 10049 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 28424 2066 8964 GGAUCUUC A ACUGCUUC 10050 GAAGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGAUCC 28425 2069 8961 UCUUCAAC U GCUUCUCU 10051 AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGA 28426 2072 8958 UCAACUGC U UCUCUGGC 10052 GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA 28427 2075 8955 ACUGCUUC U CUGGCGCU 10053 AGCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU 28428 28429 2077 8953 UGCUUCUC U GGCGCUC 10054 GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA 28429						
2048 8982 ACCAUCUC C CAAAAUUU 10046 AAAUUUUG CUGAUGAG GCCGUUAGGC CGAA IAGAUGGU 28421 2049 8981 CCAUCUCC C AAAAUUUU 10047 AAAAUUUU CUGAUGAG GCCGUUAGGC CGAA IGAGAUGG 28422 2050 8980 CAUCUCCC A AAAUUUUG 10048 CAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IGAGAUG 28423 2063 8967 UUUGGAUC U UCAACUGC 10049 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 28424 28424 2066 8964 GGAUCUUC A ACUGCUUC 10050 GAAGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGAUCC 28425 2069 8961 UCUUCAAC U GCUUCUCU 10051 AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGA 28426 2072 8958 UCAACUGC U UCUCUGGC 10052 GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA 28427 2075 8955 ACUGCUUC U CUGGCGCU 10053 AGCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU 28428 2077 8953 UGCUUCUC U GGCGCUCC 10054 GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA 28429						
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2050 8980 CAUCUCCC A AAAUUUUG 10048 CAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IGGAGAUG 28423 2063 8967 UUUGGAUC U UCAACUGC 10049 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 28424 2066 8964 GGAUCUUC A ACUGCUUC 10050 GAAGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGAUCC 28425 2069 8961 UCUUCAAC U GCUUCUCU 10051 AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGA 28426 2072 8958 UCAACUGC U UCUCUGGC 10052 GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA 28427 2075 8955 ACUGCUUC U CUGGCGCU 10053 AGCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU 28428 2077 8953 UGCUUCUC U GGCGCUCC 10054 GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA 28429						
2063 8967 UUUGGAUC U UCAACUGC 10049 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 28424 2066 8964 GGAUCUUC A ACUGCUUC 10050 GAAGCAGU CUGAUGAG GCCGUUAGGC CGAA IAUGAUCC 28425 2069 8961 UCUUCAAC U GCUUCUCU 10051 AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA IAUGAAGA 28426 2072 8958 UCAACUGC U UCUCUGGC 10052 GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA 28427 2075 8955 ACUGCUUC U CUGGCGCU 10053 AGCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU 28428 2077 8953 UGCUUCUC U GGCGCUCC 10054 GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA 28429						 -
2066 8964 GGAUCUUC A ACUGCUUC 10050 GAAGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGAUCC 28425 2069 8961 UCUUCAAC U GCUUCUCU 10051 AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGA 28426 2072 8958 UCAACUGC U UCUCUGGC 10052 GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA 28427 2075 8955 ACUGCUUC U CUGGCGCU 10053 AGCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU 28428 2077 8953 UGCUUCUC U GGCGCUCC 10054 GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA 28429						
2069 8961 UCUUCAAC U GCUUCUCU 10051 AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGA 28426 2072 8958 UCAACUGC U UCUCUGGC 10052 GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA 28427 2075 8955 ACUGCUUC U CUGGCGCU 10053 AGCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU 28428 2077 8953 UGCUUCUC U GGCGCUCC 10054 GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA 28429						
2072 8958 UCAACUGC U UCUCUGGC 10052 GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA 28427 2075 8955 ACUGCUUC U CUGGCGCU 10053 AGCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU 28428 2077 8953 UGCUUCUC U GGCGCUCC 10054 GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA 28429				 		
2075 8955 ACUGCUUC U CUGGCGCU 10053 AGCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU 28428 2077 8953 UGCUUCUC U GGCGCUCC 10054 GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA 28429						-
2077 8953 UGCUUCUC U GGCGCUCC 10054 GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA 28429	-					28427
2022						
2083 8947 UCUGGCGC U CCUCCAUU 10055 AAUGGAGG CUGAUGAG GCCGUUAGGC CGAA ICGCCAGA 28430						28429
	2083	8947	UCUGGCGC U CCUCCAUU	10055	AAUGGAGG CUGAUGAG GCCGUUAGGC CGAA ICGCCAGA	28430

	WO 02			Table IX	
2085	8945	UGGCGCUC C UCCAUUGA	10056	UCAAUGGA CUGAUGAG GCCGUUAGGC CGAA IAGCGCCA 284	431
2086	8944	GGCGCUCC U CCAUUGAU	10057	<u> </u>	432
2088	8942	CGCUCCUC C AUUGAUUC	10058	GAAUCAAU CUGAUGAG GCCGUUAGGC CGAA IAGGAGCG 284	433
2089	8941	GCUCCUCC A UUGAUUCU	10059	AGAAUCAA CUGAUGAG GCCGUUAGGC CGAA IGAGGAGC 284	434
2097	8933	AUUGAUUC U GCUCUUCA	10060	UGAAGAGC CUGAUGAG GCCGUUAGGC CGAA IAAUCAAU 284	435
2100	8930	GAUUCUGC U CUUCAAAC	10061	GUUUGAAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAUC 284	436
2102	8928	UUCUGCUC U UCAAACAU	10062	AUGUUUGA CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA 284	437
2105	8925	UGCUCUUC A AACAUGGC	10063	GCCAUGUU CUGAUGAG GCCGUUAGGC CGAA IAAGAGCA 284	438
2109	8921	CUUCAAAC A UGGCACCC	10064	GGGUGCCA CUGAUGAG GCCGUUAGGC CGAA IUUUGAAG 284	439
2114	8916	AACAUGGC A CCCAAAGC	10065	GCUUUGGG CUGAUGAG GCCGUUAGGC CGAA ICCAUGUU 284	440
2116	8914	CAUGGCAC C CAAAGCUG	10066	CAGCUUUG CUGAUGAG GCCGUUAGGC CGAA IUGCCAUG 284	441
2117	8913	AUGGCACC C AAAGCUGC	10067	GCAGCUUU CUGAUGAG GCCGUUAGGC CGAA IGUGCCAU 284	442
2118	8912	UGGCACCC A AAGCUGCA	10068	UGCAGCUU CUGAUGAG GCCGUUAGGC CGAA IGGUGCCA 284	443
2123	8907	CCCAAAGC U GCAUUGCU	10069	AGCAAUGC CUGAUGAG GCCGUUAGGC CGAA ICUUUGGG 284	444
2126	8904	AAAGCUGC A UUGCUGUU	10070	AACAGCAA CUGAUGAG GCCGUUAGGC CGAA ICAGCUUU 284	445
2131	8899	UGCAUUGC U GUUGACCU	10071	AGGUCAAC CUGAUGAG GCCGUUAGGC CGAA ICAAUGCA 284	446
2138	8892	CUGUUGAC C UUUCUUAU	10072	AUAAGAAA CUGAUGAG GCCGUUAGGC CGAA IUCAACAG 284	447
2139	8891	UGUUGACC U UUCUUAUG	10073	<u> </u>	448
2143	8887	GACCUUUC U UAUGAAUU	10074		449
2153	8877	AUGAAUUC C UCUCGAGA	10075	<u> </u>	450
2154	8876	UGAAUUCC U CUCGAGAG	10076		451
2156	8874	AAUUCCUC U CGAGAGCA	10077		452
2164	8866	UCGAGAGC A CAUUCUGG	10078	<u> </u>	453
2166	8864	GAGAGCAC A UUCUGGGA	10079		454
2170	8860	GCACAUUC U GGGACGUU	10080		455
2183	8847	CGUUUUUC U CUGGCCAA	10081		456
2185	8845	UUUUUCUC U GGCCAAAA	10082		457
2189	8841	UCUCUGGC C AAAAACGC	10083		458
2190	8840	CUCUGGCC A AAAACGCC	10084		459
2198	8832	AAAAACGC C CACAACCA	10085		460
2199	8831	AAAACGCC C ACAACCAG	10086		461
2200	8830	AAACGCCC A CAACCAGU	10087		462
2202	8828 8825	ACGCCCAC A ACCAGUUG CCCACAAC C AGUUGGUG	10088		463 464
2205	8824	CCACAACC A GUUGGUGG	10089		465
2217	8813	UGGUGGUC U CAUUGAGC	10091		466
2219	8811	GUGGUCUC A UUGAGCAC	10092	<u> </u>	467
2226	8804	CAUUGAGC A CGUACUUC	10093		468
2232	8798	GCACGUAC U UCACUCCU	10094		469
2235	8795	CGUACUUC A CUCCUUCU	10095		470
2237	8793	UACUUCAC U CCUUCUGG	10096		471
2239	8791	CUUCACUC C UUCUGGCG	10097	CGCCAGAA CUGAUGAG GCCGUUAGGC CGAA IAGUGAAG 284	472
2240	8790	UUCACUCC U UCUGGCGG	10098	 	473
2243	8787	ACUCCUUC U GGCGGUUC	10099		474
2252	8778	GGCGGUUC A GGAGCUUU	10100	AAAGCUCC CUGAUGAG GCCGUUAGGC CGAA IAACCGCC 284	475
2258	8772	UCAGGAGC U UUCGUGUC	10101	GACACGAA CUGAUGAG GCCGUUAGGC CGAA ICUCCUGA 284	476
2267	8763	UUCGUGUC C ACCUUCUC	10102	GAGAAGGU CUGAUGAG GCCGUUAGGC CGAA IACACGAA 284	477
2268	8762	UCGUGUCC A CCUUCUCU	10103	AGAGAAGG CUGAUGAG GCCGUUAGGC CGAA IGACACGA 284	478
2270	8760	GUGUCCAC C UUCUCUUU	10104	AAAGAGAA CUGAUGAG GCCGUUAGGC CGAA IUGGACAC 284	479
2271	8759	UGUCCACC U UCUCUUUG	10105		480
2274	8756	CCACCUUC U CUUUGAAC	10106		481
2276	8754	ACCUUCUC U UUGAACAC	10107	<u> </u>	482
2283	8747	CUUUGAAC A CUCGCUGC	10108		483
2285	8745	UUGAACAC U CGCUGCUG	10109		484
2289	8741	ACACUCGC U GCUGCCCG	10110		485
2292	8738	CUCGCUGC U GCCCGAAG	10111		486
2295	8735	GCUGCUGC C CGAAGGGA	10112		487
2296	8734	CUGCUGCC C GAAGGGAG	10113		488
2312	8718	GUAGUGUC A GUCAUGGC	10114	<u> </u>	489
2316	8714	UGUCAGUC A UGGCCAUG	10115		490
2321	8709	GUCAUGGC C AUGGUGGU	10116	ACCACCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUGAC 284	491

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1922 1976					Table LX	
1949 8652 AITSGUIUC C CANGGUUU 10120 AANCCAU CURANGAG COCUMBAGE CORA TRACACAU 28595	2322	8708	UCAUGGCC A UGGUGGUA	10117	UACCACCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUGA	28492
1949 1961	2333	8697	GUGGUAAC A UUCGUGAU	10118	AUCACGAA CUGAUGAG GCCGUUAGGC CGAA IUUACCAC	28493
1956 1968 GGUIUCCC A UGUIUUUG 10122 AARACCA CUSAURAG GCCSULRAGC GRA TUCCULU 28597 2367 3655 ARACAGCC CURACACA U19122 ARACGACIC CUSAURAG GCCSULRAGC GRA TUCCULU 28597 2372 8658 AACCURC CA CUCCAUU 10124 ARAGGACU CUSAURAG GCCSULRAGC GRA TUCCUCU 28698 2372 8658 AACCURC A CUCCAUU 10125 CARIGGAC CUGAURAG GCCSULRAGC GRA TUCCACC 28590 2373 8655 GUGCACAC U CCAUUCA 10125 CARIGGAC CUGAURAG GCCSULRAGC GRA TUCCACC 28590 2375 8655 CUGACAC U CCAUUCA 10127 TUGGCACA CUGAURAG GCCSULRAGC GRA TUGACAC 28500 2377 8655 GUCACAC U CCAUUCA 10127 TUGGCACA CUGAURAG GCCSULRAGC GRA TUGACAC 28500 2377 8652 ACCACUCC A RUBACCA 10127 TUGGCACA CUGAURAG GCCSULRAGC GRA TUGACAC 28500 2378 8652 ACCACUCC A GUGACAG 10127 TUGGCACA CUGAURAG GCCSULRAGC GRA TUGACAC 28500 2384 8645 ACCACUCC A GUGACAG 10128 TUGACAC CUGAURAG GCCSULRAGC GRA TUGACAC 28500 2384 8645 ACCACUCC A GCGAACU 10129 AGUICACC CUGAURAG GCCSULRAGC GRA TUGACAC 28500 2382 8635 ACCACACU A GCGAACU 10129 AGUICACC CUGAURAG GCCSULRAGC GRA TUGACAC 28500 2382 8635 ACCACACU GOGAGAG COURAGAG GCCSULRAGC GRA TUGACAC 28500 2382 8635 ACCACACU GOGAGAG COURAGAG GCCSULRAGC GRA TUGACAC 28500 2482 2482 2482 6482	2348	8682	AUGGUGUC C CAUGGUUU	10119	AAACCAUG CUGAUGAG GCCGUUAGGC CGAA IACACCAU	28494
2556 6568 GGUIUCCC A UGALCACU 10122 AMAGICA CUBARAG CCGUIUAGGC CRAA TUCCUCU 28957 2568 8665 AGRIGAGC U CHACCACU 10122 AGRIGAGICA CUBARAGA CCGUIUAGGC CRAA TUCCUCU 28957 2578 8665 AGRIGAGC U CACCACUU 10124 AMAGIGA CUBARAGA CCGUIUAGGC CRAA TUCCUCU 28959 2573 8665 AGRIGAGC U CACCACUU 10125 CANIRGAGI CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2575 8665 AGRICAGAC C CCCAUUG 10125 CANIRGAGI CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2576 8665 AGRICAGCAC U CCAUUGA 10125 CANIRGAG CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2577 8665 CACCACUCC AUUGACCA 10127 TUGGICAGA CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2578 8665 CACCACUCC AUUGACCAG 10127 TUGGICAGA CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2578 8665 CACCACUCC AUUGACCAG 10127 TUGGICAGA CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2578 8664 CACCACUCC AUUGACCAG 10127 AGUICACCC CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2578 8665 CAUUGACCA GCCGAACU 10130 AGUICACC CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2579 8662 ACCACACUC GCCGAACU 10131 CUCCACCC CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2570 8662 ACCACACUC GCCGAACC 10130 AGUICACC CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2570 8662 ACCACACUC GCCGAACC CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2570 8662 ACCACACUC GUGGGGUI 10133 AGUICACC CUBARAGA CCCGUIUAGGC CRAA TUCCACUC 28950 2570 8662 CUCCACAC CUBARAGA CCCGUIUAGG CCCGUIUAGG CRAA TUCCACUC 28950 2570 8662 ACCACACUC GUGGGGUI CUBARAGA CCCGUIUAGG CCCGUIUAGG CRAA TUCCACUC 28950 2571 8673 CUCCACUC AUACUCAC 10133 AGUICACCA CUBARAGA CCCGUIUAGG CRAA TUCCACUC 28950 2571 8674 CUCCACC CUBARAGA CUCCACCA CUCCACAG CCCGUIUAGG CCCGUIUAGG CRAA TUCCACCAC 28950 2572 8678 AUACUCAC CACCACUC CUCCACAG AUUCACAC CUCCACAG CCCGUIUAGG CCCGUIU	2349	8681	UGGUGUCC C AUGGUUUU	10120	AAAACCAU CUGAUGAG GCCGUUAGGC CGAA IGACACCA	28495
1965 RAGIGAGO C U GACCACU 10122 AGUGGUCA CUBADGA GEOGUIAGG COAL RECUCCU 28498			GGUGUCCC A UGGUUUUG	10121	CAAAACCA CUGAUGAG GCCGUUAGGC CGAA IGGACACC	28496
1916 8662				10122		
2372 8658				10123		
1975 8655	-					
2371						
2378 8653						
3366	.					
2854 8646 CAURUGAC C AGCARACU 10129 AGUIUCGC UGARIAGA GCCGULAGAC GAA IUCARIGA 28504 28515 58615 CAURUGAC C AGCARACU 10131 GUICCGCC CUGAUGAG GCCGULAGAC GAA IUUCCGCG 28506 28628 GGGGAGC U GUIGGGGC 10131 GUICCGCC CUGAUGAG GCCGULAGAC GAA IUUCCGCG 28506 28628 GGGGAGCC U GUIGGGGC 10131 GUICCGCC CUGAUGAG GCCGULAGAC GAA IUUCCGCG 28507 28628 GGGGAGCC U GUIGGGGC 10131 UARAGCCAC CUGAUGAG GCCGULAGAC GAA IUUCCGCG 28508 28628 GGGGAGCC U GUIGGGCC 10134 UARAGCCAC CUGAUGAG GCCGULAGAGC GAA ICCCCACAG 28509 28618 UGGGGAGC U CACAUCA 10134 UARAGCCAC CUGAUGAG GCCGULAGAGC GAA ICCCCACAG 28509 28118 GGGGULAC A CACAUAAA 10135 UARAGCCAC CUGAUGAG GCCGULAGAGC GAA IUCACACA 28511 28117 8813 UUCACAGC A UARAACU 10136 AGUUAUGA GUGAUGAG GCCGULAGAGC GAA IUGAAGCA 28511 2817 8813 UUCACAGC A UARAACU 10136 AGUUAUGA GUGAUGAG GCCGULAGAGC GAA IUGAAGCA 28511 2817 8813 UUCACAGC C GUICAAUGA 10134 UARAGACC CUGAUGAG GCCGULAGAGC GAA IUGAAGCA 28511 2817 8813 UUCACAGC C GUICAAUGA 10140 UARAACCU CUGAUGAG GCCGULAGAGC GAA IUGAAGCA 28512 28508 AGUAUGAC C GUICAAUGA 10140 UARAACCU CUGAUGAG GCCGULAGAGC GAA IUAACUGA 28512 28508 AGUAUGAC C GUICAAUGA 10140 UARAACCU CUGAUGAG GCCGULAGAGC GAA IUAACUGA 28512 28508 AGUAUGAC C GUICAAUGA 10140 UARAACCU CUGAUGAG GCCGULAGAGC GAA IUAACUGA 28512 28508						
2595 2645						
1939						*
1401						
1409						
2412						
2412	-				<u> </u>	
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2417 8613 UUCACAUC A UAACUGCC 10137 GGCAGUUA CUGAUGAG GCCGUUAGGC CGAA ILUGUGAA 28512 2422 8608 AUCAUAAC U GCCGUUAG 10138 AUCAUGCC CUGAUGAG GCCGUUAGGC CGAA IUUUGAU 28514 2425 8605 AUAACUGC C GUGAUGAG 10139 ACUAUCAC CUGAUGAG GCCGUUAGGC CGAA IUUUGAU 28514 2436 8594 AUAGUUC A GGGUUCUA 10140 AUAGACCU CUGAUGAG GCCGUUAGGC CGAA IAACUACC 28515 2437 8593 AUAGUUC A GGGUUCUA 10140 AUAGACCU CUGAUGAG GCCGUUAGGC CGAA IAACUACC 28515 2437 8593 AUAGUUC A GGGUUCUA 10141 AUAGAACCU CUGAUGAG GCCGUUAGGC CGAA IAACUACC 28516 2443 8587 CCAGGUUC U AUAUGGGU 10142 ACCCAUAU CUGAUGAG GCCGUUAGGC CGAA IAACCACC 28518 2459 8571 UGGUUCUC A UCGUGGGU 10143 AUAGACC CUGAUGAG GCCGUUAGGC CGAA IAACCACC 28518 2459 8571 UGGUUCUC A UCGUGGGU 10144 CACCACGA CUGAUGAG GCCGUUAGGC CGAA IAACCACC 28518 2459 8571 UGGUGCC A CGUCGAA 10145 UUCGACCU CUGAUGAG GCCGUUAGGC CGAA IACACACC 28518 2459 8551 CGUCGAAC C ACGUCGAA 10146 GUUCGACCU CUGAUGAG GCCGUUAGGC CGAA IACACACC 28512 2479 8551 CGUCGAAC U GAUCUACC 10147 GUGAGGU CUGAUGAG GCCGUUAGGC CGAA IACACACC 28521 2479 8551 CGUCGAAC U GAUCUACC 10147 GUGAGGU CUGAUGAG GCCGUUAGGC CGAA IACACACC 28521 2494 8546 AACUGUAC U CACGCCUG 10148 CUCACGCC CUGAUGAG GCCGUUAGGC CGAA IACACACC 28521 2494 8544 CUGAUCUC A CACGCCUG 10148 CUCACGCC CUGAUGAG GCCGUUAGGC CGAA IACACAC 28521 2494 8544 CUGAUCUC A CACGCCUG 10148 CUCACGC CUGAUGAG GCCGUUAGGC CGAA IACACAC 28521 2494 8544 CUGAUCUC A CACGCCUG 10148 CUCACGC CUGAUGAG GCCGUUAGGC CGAA IACACAC 28521 2495 8514 CUCACGC C UGAGUCGU 10150 ACGACCAC CUGAUGAG GCCGUUAGGC CGAA IACACAC 28522 2505 8528 GUUCAAUC C UGAUGAG 10152 AACAGACU CUGAUGAG GCCGUUAGGC CGAA IACACAC 28526 2501 8529 AGUCGUUC A CACCUCUAGA 10152 AACAGACU CUGAUGAG GCCGUUAGGC CGAA IACACAC 28526 2501 8529 AGUCGUUC A CACCUCUC 10153 AACAGACU CUGAUGAG GCCGUUAGGC CGAA IACACAC 28526 2501 8529 AGUCGUUC A CACCCCC UGGAGA CUGAUGAG CCGUUAGGC CGAA IACACAC 28526 2501 8529 AGUCGUUC A CACCCCC UGGAGA CUGAUGAG GCCGUUAGGC CGAA IACACAC 28532 2505 8524 UUCAACC C UGGUUCAG 10152 AACAGAC CUGAUGAG GCCGUUAGGC CGAA IACACAC 28533 2506 8524 UUCAACC C UGGUUCAG 10152 AACAGAC CUGA	-					
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OCCO CARROLL VICTORIAN CONTRACTOR						
2000 0430 UGGGGUCC C UUCCAGGU 10177 ACCUGGAA CUGAUGAG GCCGUUAGGC CGAA IGACCCCA 28552						
	2600	8430	UGGGGUCC C UUCCAGGU	10177	ACCUGGAA CUGAUGAG GCCGUUAGGC CGAA IGACCCCA	28552

Table
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2601	8429	GGGGUCCC U UCCAGGUC	10178	GACCUGGA CUGAUGAG GCCGUUAGGC CGAA IGGACCCC	28553
2604	8426	GUCCCUUC C AGGUCCUU	10179	AAGGACCU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAC	28554
2605	8425	UCCCUUCC A GGUCCUUU	10180	AAAGGACC CUGAUGAG GCCGUUAGGC CGAA IGAAGGGA	28555
2610	8420	UCCAGGUC C UUUUUUCC	10181	GGAAAAA CUGAUGAG GCCGUUAGGC CGAA IACCUGGA	28556
2611	8419	CCAGGUCC U UUUUUCCA	10182	UGGAAAAA CUGAUGAG GCCGUUAGGC CGAA IGACCUGG	28557
2618	8412	CUUUUUUC C AUUCUUCC	10183	GGAAGAAU CUGAUGAG GCCGUUAGGC CGAA IAAAAAAG	28558
2619	8411	UUUUUUCC A UUCUUCCU	10184	AGGAAGAA CUGAUGAG GCCGUUAGGC CGAA IGAAAAAA	28559
2623	8407	UUCCAUUC U UCCUAGGA	10185	UCCUAGGA CUGAUGAG GCCGUUAGGC CGAA IAAUGGAA	28560
2626	8404	CAUUCUUC C UAGGAGCA	10186	UGCUCCUA CUGAUGAG GCCGUUAGGC CGAA IAAGAAUG	28561
2627	8403	AUUCUUCC U AGGAGCAC	10187	GUGCUCCU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAU	28562
2634	8396	CUAGGAGC A CCUGGCUG	10188	CAGCCAGG CUGAUGAG GCCGUUAGGC CGAA ICUCCUAG	28563
	8394	AGGAGCAC C UGGCUGGU	10189	ACCAGCCA CUGAUGAG GCCGUUAGGC CGAA IUGCUCCU	28564
2636		GGAGCACC U GGCUGGUC	10190	GACCAGCC CUGAUGAG GCCGUUAGGC CGAA IGUGCUCC	28565
2637	8393		10191	AUAUGACC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUG	28566
2641	8389	CACCUGGC U GGUCAUAU			
2646	8384	GGCUGGUC A UAUUCACU	10192	AGUGAAUA CUGAUGAG GCCGUUAGGC CGAA IACCAGCC	28567
2652	8378	UCAUAUUC A CUGAAUGU	10193	ACAUUCAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUGA	28568
2654	8376	AUAUUCAC U GAAUGUAC	10194	GUACAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAAUAU	28569
2663	8367	GAAUGUAC C ACAUUGCC	10195	GGCAAUGU CUGAUGAG GCCGUUAGGC CGAA IUACAUUC	28570
2664	8366	AAUGUACC A CAUUGCCU	10196	AGGCAAUG CUGAUGAG GCCGUUAGGC CGAA IGUACAUU	28571
2666	8364	UGUACCAC A UUGCCUGA	10197	UCAGGCAA CUGAUGAG GCCGUUAGGC CGAA IUGGUACA	28572
2671	8359	CACAUUGC C UGAAGCUC	10198	GAGCUUCA CUGAUGAG GCCGUUAGGC CGAA ICAAUGUG	28573
2672	8358	ACAUUGCC U GAAGCUCG	10199	CGAGCUUC CUGAUGAG GCCGUUAGGC CGAA IGCAAUGU	28574
2678	8352	CCUGAAGC U CGACUCAC	10200	GUGAGUCG CUGAUGAG GCCGUUAGGC CGAA ICUUCAGG	28575
2683	8347	AGCUCGAC U CACCCAAU	10201	AUUGGGUG CUGAUGAG GCCGUUAGGC CGAA IUCGAGCU	28576
2685	8345	CUCGACUC A CCCAAUAC	10202	GUAUUGGG CUGAUGAG GCCGUUAGGC CGAA IAGUCGAG	28577
2687	8343	CGACUCAC C CAAUACAU	10203	AUGUAUUG CUGAUGAG GCCGUUAGGC CGAA IUGAGUCG	28578
2688	8342	GACUCACC C AAUACAUC	10204	GAUGUAUU CUGAUGAG GCCGUUAGGC CGAA IGUGAGUC	28579
2689	8341	ACUCACCC A AUACAUCU	10205	AGAUGUAU CUGAUGAG GCCGUUAGGC CGAA IGGUGAGU	28580
2694	8336	CCCAAUAC A UCUCGUGC	10206	GCACGAGA CUGAUGAG GCCGUUAGGC CGAA IUAUUGGG	28581
2697	8333	AAUACAUC U CGUGCGUG	10207	CACGCACG CUGAUGAG GCCGUUAGGC CGAA IAUGUAUU	28582
2712	8318	UGGAAUUC C GUGAGAGU	10208	ACUCUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUUCCA	28583
2728	8302	UGGGUUUC U GACCAGUC	10209	GACUGGUC CUGAUGAG GCCGUUAGGC CGAA IAAACCCA	28584
2732	8298	UUUCUGAC C AGUCCCCC	10210	GGGGGACU CUGAUGAG GCCGUUAGGC CGAA IUCAGAAA	28585
2733	8297	UUCUGACC A GUCCCCCC	10211	GGGGGGAC CUGAUGAG GCCGUUAGGC CGAA IGUCAGAA	28586
	8293	GACCAGUC C CCCCCCAU	10211	AUGGGGGG CUGAUGAG GCCGUUAGGC CGAA IACUGGUC	28587
2737					
2738	8292	ACCAGUCC C CCCCCAUA	10213		28588
2739	8291	CCAGUCCC C CCCCAUAC	10214		28589
2740	8290	CAGUCCCC C CCCAUACC	10215	GGUAUGGG CUGAUGAG GCCGUUAGGC CGAA IGGGACUG	28590
2741	8289	AGUCCCCC C CCAUACCG	10216	CGGUAUGG CUGAUGAG GCCGUUAGGC CGAA IGGGGACU	28591
2742	8288	GUCCCCC C CAUACCGG	10217	CCGGUAUG CUGAUGAG GCCGUUAGGC CGAA IGGGGGAC	28592
2743	8287	UCCCCCC C AUACCGGC	10218	GCCGGUAU CUGAUGAG GCCGUUAGGC CGAA IGGGGGGA	28593
2744	8286	CCCCCCC A UACCGGCG	10219	CGCCGGUA CUGAUGAG GCCGUUAGGC CGAA IGGGGGGG	28594
2748	8282	CCCCAUAC C GGCGUUGG	10220	CCAACGCC CUGAUGAG GCCGUUAGGC CGAA IUAUGGGG	28595
2760	8270	GUUGGAGC A GCUCCAUC	10221	GAUGGAGC CUGAUGAG GCCGUUAGGC CGAA ICUCCAAC	28596
2763	8267	GGAGCAGC U CCAUCUUC	10222	GAAGAUGG CUGAUGAG GCCGUUAGGC CGAA ICUGCUCC	28597
2765	8265	AGCAGCUC C AUCUUCUC	10223	GAGAAGAU CUGAUGAG GCCGUUAGGC CGAA IAGCUGCU	28598
2766	8264	GCAGCUCC A UCUUCUCU	10224	AGAGAAGA CUGAUGAG GCCGUUAGGC CGAA IGAGCUGC	28599
2769	8261	GCUCCAUC U UCUCUAUG	10225	CAUAGAGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAGC	28600
2772	8258	CCAUCUUC U CUAUGACU	10226	AGUCAUAG CUGAUGAG GCCGUUAGGC CGAA IAAGAUGG	28601
2774	8256	AUCUUCUC U AUGACUUU	10227	AAAGUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU	28602
2780	8250	UCUAUGAC U UUCGGCAU	10228	AUGCCGAA CUGAUGAG GCCGUUAGGC CGAA IUCAUAGA	28603
2787	8243	CUUUCGGC A UGUAGGGG	10229	CCCCUACA CUGAUGAG GCCGUUAGGC CGAA ICCGAAAG	28604
2797	8233	GUAGGGGC A GAGCACCU	10230	AGGUGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC	28605
2802	8228	GGCAGAGC A CCUUCACG	10231	CGUGAAGG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC	28606
2804	8226	CAGAGCAC C UUCACGCA	10232	UGCGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCUG	28607
2805	8225	AGAGCACC U UCACGCAA	10233	UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCU	28608
2808	8222	GCACCUUC A CGCAAAAU	10234	AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGC	28609
2812	8218	CUUCACGC A AAAUUCCC	10235	GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG	28610
2819	8211	CAAAAUUC C CUUGGCCC	10236	GGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAUUUUG	
2820					28611
	8210	AAAAUUCC C UUGGCCCU	10237	AGGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU	28612
2821	8209	AAAUUCCC U UGGCCCUC	10238	GAGGGCCA CUGAUGAG GCCGUUAGGC CGAA IGGAAUUU	28613

•	WO 02/068637		Table IX		PC 1/US01/48350	
2826	8204	CCCUUGGC C CUCGGUGC	10239	GCACCGAG CUGAUGA	G GCCGUUAGGC CGAA ICCAAGGG	28614
2827	8203	CCUUGGCC C UCGGUGCA	10240		G GCCGUUAGGC CGAA IGCCAAGG	28615
2828	8202	CUUGGCCC U CGGUGCAG	10241	CUGCACCG CUGAUGA	G GCCGUUAGGC CGAA IGGCCAAG	28616
2835	8195	CUCGGUGC A GCCAGUCC	10242	GGACUGGC CUGAUGA	AG GCCGUUAGGC CGAA ICACCGAG	28617
2838	8192	GGUGCAGC C AGUCCUCA	10243	UGAGGACU CUGAUGA	G GCCGUUAGGC CGAA ICUGCACC	28618
2839	8191	GUGCAGCC A GUCCUCAA	10244	UUGAGGAC CUGAUGA	G GCCGUUAGGC CGAA IGCUGCAC	28619
2843	8187	AGCCAGUC C UCAACCAU	10245	AUGGUUGA CUGAUGA	G GCCGUUAGGC CGAA IACUGGCU	28620
2844	8186	GCCAGUCC U CAACCAUU	10246	AAUGGUUG CUGAUGA	G GCCGUUAGGC CGAA IGACUGGC	28621
2846	8184	CAGUCCUC A ACCAUUUC	10247	GAAAUGGU CUGAUGA	G GCCGUUAGGC CGAA IAGGACUG	28622
2849	8181	UCCUCAAC C AUUUCAAG	10248	CUUGAAAU CUGAUGA		28623
2850	8180	CCUCAACC A UUUCAAGG	10249	CCUUGAAA CUGAUGA		28624
2855	8175	ACCAUUUC A AGGACCCG	10250	CGGGUCCU CUGAUGA		28625
2861	8169	UCAAGGAC C CGAAUCGU	10251	ACGAUUCG CUGAUGA		28626
2862	8168	CAAGGACC C GAAUCGUC	10252	GACGAUUC CUGAUGA		28627
2871	8159	GAAUCGUC C UAUGCUCU	10253	AGAGCAUA CUGAUGA		28628
2872	8158	AAUCGUCC U AUGCUCUU	10254	AAGAGCAU CUGAUGA		28629
2877	8153	UCCUAUGC U CUUCAACC	10255	GGUUGAAG CUGAUGA		28630
2879	8151	CUAUGCUC U UCAACCUC	10256	GAGGUUGA CUGAUGA		28631
2882	8148	UCUUCAAC C UCAGCACU	10257	GCUGAGGU CUGAUGA		28632
2885	8145 8144	CUUCAAC C UCAGCACUU	10258	AGUGCUGA CUGAUGA AAGUGCUG CUGAUGA		28633
2888	8144	UCAACCUC A GCACUUGA	10259	UCAAGUGC CUGAUGA	_ 	28634
2891	8139	ACCUCAGO A CUUGACGA	10261	UCGUCAAG CUGAUGA		28636
2893	8137	CUCAGCAC U UGACGAGG	10262	CCUCGUCA CUGAUGA		28637
2904	8126	ACGAGGAC U CUCCGAUG	10263		G GCCGUUAGGC CGAA IUCCUCGU	28638
2906	8124	GAGGACUC U CCGAUGUC	10264	GACAUCGG CUGAUGA		28639
2908	8122	GGACUCUC C GAUGUCAC	10265	GUGACAUC CUGAUGA		28640
2915	8115	CCGAUGUC A CAAAGGAG	10266	CUCCUUUG CUGAUGA		28641
2917	8113	GAUGUCAC A AAGGAGGG	10267	CCCUCCUU CUGAUGA		28642
2930	8100	AGGGUGUC A CAACACUC	10268	GAGUGUUG CUGAUGA		28643
2932	8098	GGUGUCAC A ACACUCAG	10269	CUGAGUGU CUGAUGA		28644
2935	8095	GUCACAAC A CUCAGAAG	10270	CUUCUGAG CUGAUGA	G GCCGUUAGGC CGAA IUUGUGAC	28645
2937	8093	CACAACAC U CAGAAGGU	10271	ACCUUCUG CUGAUGA	G GCCGUUAGGC CGAA IUGUUGUG	28646
2939	8091	CAACACUC A GAAGGUCU	10272	AGACCUUC CUGAUGA	G GCCGUUAGGC CGAA IAGUGUUG	28647
2947	8083	AGAAGGUC U GUAGAACA	10273	UGUUCUAC CUGAUGA	G GCCGUUAGGC CGAA IACCUUCU	28648
2955	8075	UGUAGAAC A CAUCCACU	10274	AGUGGAUG CUGAUGA	G GCCGUUAGGC CGAA IUUCUACA	28649
2957	8073	UAGAACAC A UCCACUCC	10275	GGAGUGGA CUGAUGA	G GCCGUUAGGC CGAA IUGUUCUA	28650
2960	8070	AACACAUC C ACUCCACU	10276	AGUGGAGU CUGAUGA		28651
2961	8069	ACACAUCC A CUCCACUC	10277	GAGUGGAG CUGAUGA	G GCCGUUAGGC CGAA IGAUGUGU	28652
2963	8067	ACAUCCAC U CCACUCUU	10278		G GCCGUUAGGC CGAA IUGGAUGU	28653
2965	8065	AUCCACUC C ACUCUUCA	10279		G GCCGUUAGGC CGAA IAGUGGAU	28654
2966	8064	UCCACUCC A CUCUUCAU	10280		G GCCGUUAGGC CGAA IGAGUGGA	28655
2968	8062	CACUCCAC U CUUCAUGG	10281		G GCCGUUAGGC CGAA IUGGAGUG	28656
2970	8060	CUCCACUC U UCAUGGUG	10282		G GCCGUUAGGC CGAA IAGUGGAG	28657
2973 2981	8057 8049	CACUCUUC A UGGUGACA	10283		G GCCGUIAGGC CGAA IAAGAGUG	28658
2981	8049	AUGGUGAC A AUGUUCCA CAAUGUUC C AUCCAUAA	10284		G GCCGUUAGGC CGAA IUCACCAU G GCCGUUAGGC CGAA IAACAUUG	28659
2989	8042	AAUGUUCC A UCCAUAAC	10285			28660
2992	8038	GUUCCAUC C AUAACUUU	10287		G GCCGUUAGGC CGAA IGAACAUU G GCCGUUAGGC CGAA IAUGGAAC	28661 28662
2993	8037	UUCCAUCC A UAACUUUG	10287		G GCCGUUAGGC CGAA IAUGGAAC	28663
2998	8032	UCCAUAAC U UUGCACUA	10289		G GCCGUUAGGC CGAA IUUAUGGA	28664
3003	8027	AACUUUGC A CUAGUUGG	10203		G GCCGUUAGGC CGAA ICAAAGUU	28665
3005	8025	CUUUGCAC U AGUUGGGG	10291		G GCCGUUAGGC CGAA IUGCAAAG	28666
3015	8015	GUUGGGGC U CUUCAUGU	10292		G GCCGUUAGGC CGAA ICCCCAAC	28667
3017	8013	UGGGGCUC U UCAUGUCC	10293		G GCCGUUAGGC CGAA IAGCCCCA	28668
3020	8010	GGCUCUUC A UGUCCGGG	10294		G GCCGUUAGGC CGAA IAAGAGCC	28669
3025	8005	UUCAUGUC C GGGACCGC	10295		G GCCGUUAGGC CGAA IACAUGAA	28670
3031	7999	UCCGGGAC C GCCCUUUG	10296		G GCCGUUAGGC CGAA IUCCCGGA	28671
3034	7996	GGGACCGC C CUUUGUGU	10297		G GCCGUUAGGC CGAA ICGGUCCC	28672
3035	7995	GGACCGCC C UUUGUGUA	10298		G GCCGUUAGGC CGAA IGCGGUCC	28673
3036	7994	GACCGCCC U UUGUGUAC	10299		G GCCGUUAGGC CGAA IGGCGGUC	28674

1984 VIDENTIAL C. C. VICTACION 195101 ANGIGORIA CIRCUMINAS (ECCSURACE) CARA (GRICACA 28575 19817 1981 GRICACIOCO (VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (GRICACA 28575 19817 CRICACIONE CURATURA (ECCSURACE) CARA (GRICACA 28575 19818 GRICACIOCO (VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (GRICACA 28575 19818 GRICACIOCO (VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (VIDENTIAL 28575 19818 CRICACIOCO (VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (VIDENTIAL 28575 19818 VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (VIDENTIAL 28575 19818 VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (VIDENTIAL 28585 19818 VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (ECCSURACE) CARA (VIDENTIAL 28585 19818 VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (ECCSURACE) CARA (VIDENTIAL 28585 19818 VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (ECCSURACE) CARA (VIDENTIAL 28585 19818 VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (ECCSURACE) CARA (VIDENTIAL 28585 19818 VIDENTIAL CIRCUMINAS (ECCSURACE) CARA (ECCSURACE) CARA (VIDENTIAL 28585 19818 VIDENTIAL	3045	7985	UUGUGUAC C CUCUGACU	10300	AGUCAGAG CUGAUGAG GCCGUUAGGC CGAA IUACACAA	28675
1995 GIGIACCC V GUANTURE 1992 ASABURDA CURAINAM GECGULAGE CAN INGUIDACE 28671 1908 1997 CICICIAGE U UCIURAGE 1991 1991 ANABAGE CURAINAM GECGULAGE CAN INGUIDACE 28678 1955 1997 CICICIAGE U UCIURAGE 1995 ANABAGE CURAINAM GECGULAGE CAN INGUIDACE 28679 1956 1996 CURRICACU U UGARCHU 1995 ANABAGE CURAINAM GECGULAGE CAN INGUIDACE 28690 1956 1996 UURGACCU U UUUUURGA 1997 CECAANAA CURAINAM GECCULAGE CAN INGUIDACE 28691 1967 7952 GORGUECC A UUUUURGA 1930 CANADAA CURAINAM GECCULAGE CAN INGUIDACE 28693 1977 7952 GORGUECC A UUUUURGA 1930 CANADAA CURAINAM GECCULAGE CAN INGUIDACE 28693 1978 7942 AURICANAC C AURICAGA 1930 CANADAA CURAINAM GECCULAGE CAN INGUIDACE 28693 1978 7942 AURICANAC C ANCORCUC 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1991 7959 GORGUECC A AURICACUC 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1991 7959 GUARACACE C ANCORCUC 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1991 7959 GUARACACE C ANCORCUC 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1991 7959 GORGUECC A UUUCCAA 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1997 7952 CANCORCUC U UUCCAAN 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1996 7953 CANCORCUC U UUCCAAN 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1904 7950 CANCORCUC U UUCCAAN 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1904 7950 CANCORCUC U UUCCAAN 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1904 7950 CANCORCUC U UUCCAAN 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1904 7950 CANCORCUC U UUCCAAN 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1906 7950 CANCORCUC U UUCCAAN 1931 GORGUEGO CURAINAM GECCULAGE CAN INGUIDACE 28693 1906 7950 CANCORCUC U UUCCAAN 1932 MACOURC U UUCCAAN 1932 MACOURC CANADA 1932 MACOURC CANA						
1991 GIRCCUIC U GIACUICU 103104 GICCAGA, CUARIGNA (COCURIAGE) CARA INCAGAGA 28657 1974 COLVIGIAGA U UCUTUGRA, 103105 AGRACUCA, CUARIGNA (COCURIAGE) CARA INCAGAGA 28657 1976 UCUTUGRA, UCUTUGRA 103105 CARADARA CUARIGNA (COCURIAGE) CARA INCAGAGA 28651 1976 UCUTUGRA, UCUTUGRA 103105 CARADARA CUARIGNA (COCURIAGE) CARA INCAGAGA 28651 1977 7953 UGUGUGRA, UCUTUGRA 10305 CARADARA CUARIGNA (COCURIAGE) CARA INCOCACA 28653 1977 7952 GAGUURCC A URUARIGNA 10305 UDICURADA CUARIGNA (COCURIAGE) CARA INCOCACA 28653 1978 7952 GAGUURCC A URUARIGNA 10305 UDICURADA CURRIAGE COCURIAGE CARA INCOCACA 28653 1988 7942 AURAGARA A COLACCOC 10311 AGRICAGAGU CURRIAGE COCURIAGE CARA INCOCACA 28653 1999 7940 AGUARACAC A ACCOSCCU 10311 AGRICAGAGU CURRIAGE COCURIAGE CARA INCOCACA 28653 1994 7959 GUARACAC A ACCOSCCU 10313 GARGAGGG CURRIAGE COCURIAGE CARA INCOCACA 28653 1994 7959 AURACACCA C ACCOSCCU 10313 GARGAGGG CURRIAGE COCURIAGE CARA INCOCACA 28653 1995 7950 ACACCACAC C CURUCACA 10314 GARGAGGG CURRIAGE COCURIAGE CARA INCOCACA 28653 1996 7950 CARACCACA C CURUCACA 10314 GARGAGGG CURRIAGE COCURIAGE CARA INCOCACA 28653 1998 7952 CARACCACC C UCUCACA 10314 GARGAGGG CURRIAGE COCURRIAGE CARA INCOCACA 28653 1998 7953 CARACCACA C C UTUCACACA 10315 UGUGRADA CURRIAGE GOCCURRIAGE CARA INCOCACA 28659 1908 7953 CARACCACA C UTUCACACA 10315 UGUGRADA CURRIAGE GOCCURRIAGE CARA INCOCACA 28659 1909 7950 ACCOCACUC C A CARACCAA 10315 UGUGRADA CURRIAGE GOCCURRIAGE CARA INCOCACA 28659 1909 7950 ACCOCACUC C A CARACCAA 10314 CURRIAGE CURRIAGE GOCCURRIAGE CARA INCOCACA 28659 1906 7950 CACADUCCA A CURRIAGE CURRIAGE CURRIAGE GOCCURRIAGE CARA INCOCACA 28659 1907 7951 UCUCACACA C ARGUERA 10315 CURRIAGE CURRIAGE CURRIAGE GOCURRIAGE CARA INCOCACA 28659 1907 7952 CACADUCCA A CURRIAGE CURRIAGE CURRIAGE CURRIAGE COCURRIAGE CORA INCOCACA 28659 1907 7952 UCUCACACA C ARGUERA 10315 AGRI						
1997 COLUCIOR U UCIUDIDE 1995 ADMINISTRATION 1995						
1995 1997 CUIDACIUC U UGUACIUA 10305 CANADA CUIDAGIAG COSAULAGG CRA INCARIORA 28681 3064 7966 UUUGARCU U UUUUUUU 10306 CANADA CUIDAGIAG COSAULAGG CRA INCARICA 28681 3077 7953 UGGGUUGC UUUUUUU 10306 UACURARI CUIDAGIAG COSAULAGG CRA INCARICA 28681 3078 7952 GGGUUGC AURUAGUA 10309 UUUCUARA CUGARIGAG COSCULTAGG CRA INCARICA 28683 3080 7942 AURUAGUA CARCESCO 10311 GGGGUUGG CORALICAG COGAULAGG COGAULAGG CRA INCARICA 28683 3090 7940 AGUARAGUA CARCESCO 10311 GGGGUUGG CORALICAG CRA INCARICA 28683 3091 7940 AGUARAGUA CARCESCO 10311 GGGGUUGG CORALICAG CRA INCARICA 28683 3091 7940 AGUARAGUA CARCESCO 10311 GGGGUUGG COGAULAGG COCAULAGG CRA INCARICA 28684 3094 7956 CARCESCO COUCUCCA 10314 GGGGGUU CURAGG COCAULAGG CRA INCARICA 28683 3098 7933 CAACCGG CUUUCCCA 10314 GUGGGARA CUCAURAGG COCAULAGG CRA INCARICA CRA INCARIOR CRA INCARIOR CRA INCARICA CRA INCARIOR CRA INCARIOR CRA INCARICA CRA INCARIOR CRA INCARIOR						
1966 7966 UNIGARCE U CUUUUUUU 10306 CAAAAAA CUUAUGAG GCCGUUAGG CNA LAGUCAGA 28681 1964 7966 UNIGAGUEU U UUUUUGA 10309 UNCURAAA CUGAUGAG GCCGUUAGG CNA LAGUCAGA 28681 1977 7953 UGGGUUGC C AUAUGAUA 10309 UNCURAA CUGAUGAG GCCGUUAGG CNA LAGUCACA 28681 1988 7942 AUAUGAUA C ACCACCCC 10311 GCCGUUAGG CCCGUUAGG CCCGUUAGG CNA LAGUCACA 28681 1988 7942 AUAUGAUA C ACCACCCC 10311 AGECGGUU CUGAUGAG GCCGUUAGG CNA LAGUCACA 28681 1999 7940 AGUAACAC C AACCCCCU 10312 GAGGGGGUU CUGAUGAG GCCGUUAGG CNA LAGUCAUA 28685 1994 7956 ACACCCAC C ACCCCCU 10312 GAGGGGGUU CUGAUGAG GCCGUUAGG CNA LAGUCAUA 28685 1994 7956 ACACCCAC C C GCCUCUCC 10313 GAGGGGGU CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28687 1995 7953 CAACCGC C U CUCACAA 10314 GUGGGAAC CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28689 1907 7953 CAACCGC C U CUCACAA 10314 GUGGGAAC CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28691 100 7950 ACCGCCCU U CUCACAA 10315 DUIGGGAAC CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28691 1010 7950 ACCGCCCU U CUCACAA 10316 GAGGGAG CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28691 1010 7950 ACCGCCCU U CUCACAA 10316 GAGGGAG CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28691 1010 7950 ACCGCCU U UCCACAA 10316 GAGGGAG CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28691 1010 7950 CCCUCUUC C ACAUCCAA 10318 CUUGAGAG CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28691 1010 7950 CCCUCUUC C ACAUCCAA 10318 CUUGAGAG CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28691 1010 7950 CCCUCUUC C ACAUCCAA 10318 CUUGAGAG CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28691 1010 7950 CCCUCUUC C ACAUCCAA 10318 CUUGAGAG CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28691 1010 7950 CCCUCUUC C ACAUCCAA 10320 CUGAUGAG CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 28691 1010 7950 CCCUCUC C ACAUCCAA 10320 CUGAUGAG CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 1010 7950 CCCUCUC C ACAUCCAA 10320 CUGAUGAG CUGAUGAG GCCGUUAGG CNA LAGUCAUGA 1010 7950 CCCUCUC C ACAUCCAA 10320 CUGAUGAG CUGAUG						
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1997 1995 UGGGUIUGC C AURIDIANI DI 1939 UNCILIARIA UGUAIUGA GECUIUAGG CNA ICAACCA 28681 3088 7942 AURIGURAC A CAACCGC 19310 GEGUIUGA CURAIURA GECUIUAGG CONA IGAACCA 28681 3088 7942 AURIGURAC A CAACCGC 19310 GEGUIUGA CURAIURA GECUIUAGG CONA IUUACURA 28685 3091 7993 GURACACCA C A ACCGCCCU 19312 CAGGCGGU CURAIURA GECUIUAGG CONA IUUACURA 28687 3094 7995 GURACACCA C A ACCGCCCU 19312 CAGGCGGU CURAIURA GECUIUAGG CONA IUUACURA 28687 3094 7995 ACACCACC C I CUCUCCAC 19313 GURAGGAGG CURAIURAG GECUIUAGG CONA IUUACURA 28687 3097 7933 CAACCGGC C U CUUCCACA 19314 GURAGGAGG CURAIURAG GECUIUAGG CONA IUUACURA 28689 3098 7932 CAACCGGC U CUUCCACA 19315 UUGGARAC CURAIURAG GECUIUAGG CONA IUUACURA 28689 3098 7932 CAACCGGC U CUUCCACA 19314 GURAGGAGA CURAIURAG GECUIUAGG CONA IUUACURA 28689 3008 7932 CAACCGGC U CUUCCACA 19316 GURAGGAGA CURAIURAG GECUIUAGG CONA IUCACCAC 38691 3100 7930 ACCGCCCUU C U CUCCACAC 19316 GURAGGAG CURAIURAG GECUIUAGG CONA IUCACCAC 38691 3104 7926 CUCUUUCA C AURICCAM 19318 CUUGGAGA CURAIURAG GECUIUAGG CONA IUCACCAC 28691 3104 7926 CUCUUUCA C AURICCAM 19318 CUUGGAGA CURAIURAG GECUIUAGG CONA IUCACACAC 38691 3106 7934 UUCACAC C AURICCAM 19318 CUUGGAGA CURAIURAG GECUIUAGG CONA IUCACACAC 38691 3107 7921 UCACACUC C ARGUCCAM 19320 UURAGCCU CURAIURAG GECUIUAGG CONA IUCACACAC 38691 3116 7914 CORAGGUC C ARGUCCAM 19320 UURAGCCU CURAIURAG GECUIUAGG CONA IUCACACAC 38691 3120 7990 GURAAUCAC C UURAGGAG CURAIURAG GECUIUAGG CONA IUCACACAC 38691 3121 7990 CACUUUCA A AGGUCCAM 19321 AURICACCU CURAIURAG GECUIUAGG CONA IUCACACAC 38691 3122 7990 CACUUCAC A LUIUCCAC C 19324 CORAGGAGA CURAIURAG GECUIUAGG CONA IUCACCAC 28691 3124 7885 CACUUCAC A LUIUCCAC C 19324 CORAGGAGA CURAIURAG GECUIUAGG CONA IUCACCAC 28691 3125 7991 CACUUCAC A LUIUCCAC C 19324 CORAGGAGA CURAIURAG GECUIUAGG CONA IUCACACAC 38691 3124 7885 CACUUCACA C UURAGGA CURAIURAG GECUIUAGG CONA IUCACACAC 38691	3062	7968				
1975 GEGRUIGCE A INLINGUMA 1939 UUNCUMUA CUGANIGNS GCCGUURGE COAA FICHARCE 28684 3991 7940 AGUARACAC C AACCOCCU 19311 AGGOSGUI CUGANIGNS GCCGUURGE COAA FUNCISUR 28685 3991 7936 AGUARACAC C AACCOCCU 19313 AGGOSGUI CUGANIGNS GCCGUURGE COAA FUNCISUR 28686 3991 7936 ACACCAC C C GCUUCUCCAC 19314 GUGGARGE CUGANIGNS GCCGUURGE COAA FUNCISUR 28687 3997 7933 CAACCOGC U CUUCCACC 19314 GUGGARGE CUGANIGNS GCCGUURGE COAA FUNCISUR 28687 3997 7933 CAACCOGC U CUUCCACC 19314 GUGGARGE CUGANIGNS GCCGUURGE COAA FUNCISUR 28689 3997 7933 CAACCOGC U CUUCCACC 19314 GUGGARGE CUGANIGNS GCCGUURGE COAA FUNCISUR 28693 3100 7930 ACACCOGC U CUUCCACCAC 19315 GUGGARGE CUGANIGNS GCCGUURGE COAA FUNCISUR 28693 3103 7927 GCUCUUC C ACAUCCAA 19315 GUGGARGE CUGANIGNS GCCGUURGE COAA FUNCISUR 28693 3104 7926 CCUCUUCC C AUCCACAG 19318 GUUGGARG CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3106 7924 UCUUCCAC C AUCCAAG 19318 GUUGGARG CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3106 7924 UCUUCCAC C AUCCAAG 19319 GUCGAURU CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3109 7921 UCCACAUC AGUCCAM 19324 UGUACCCU CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3107 7900 CCACAUCC AGGUCCAM 19324 UGUACCCU CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3107 7900 CCACAUCC AGGUCCAM 19324 UGUACCCU CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3122 7908 UCCACAUC CUGANICA UGUARGA CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3122 7908 UCCACAUC UGUACCAG 10324 CUGANACA CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3122 7908 UCCACAUC CUGANCG 10324 CUGANCG CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3124 7908 UCCACACC CUGUACGA 10324 CUGANCG CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3124 7908 UCCACCAC CUGUACGA 10324 CUGANCG CUGANIGNS GCCGUURGE COAA FUNCIS 28693 3124 7908 UCCACCAC CUGUACGA	3064	7966	UUGGACUC U UUUUUGGG	10307		
1986 7942 AIRCURACAC C ANACCSC 10310 GOSGULIGO CIDANIBAG CCAA TURILICUIA 28665 3091 7939 GUARACAC C ANACCSCU 10311 AGGOSGUI CUDANIBAG GOCGULAGGC COAA TUGUIUCU 28666 3091 7939 GUARACAC C ANCOCCUCU 10312 GAGGOGGUI CUDANIBAG GOCGULAGGC COAA TUGUIUCU 28687 3094 7933 CAACCGAC C CUCUCUCC 10313 GAAGAGGC CUGANIBAG GOCGULAGGC COAA TUGUIUCU 28687 3094 7933 CAACCGAC C CUCUCCAC 10314 GUARAGAGG CUGANIBAG GOCGULAGGC COAA TUGGIUGG 28688 3098 7932 CAACCGAC C UCUCCACAC 10315 GUARGAGG CUGANIBAG COCGULAGGC COAA TUGGIUGG 28691 3009 7933 CAACCGAC C UCUCCACAC 10315 GUARGAGG CUGANIBAG COCGULAGGC COAA TUGGIUGG 28691 3100 7930 ACCGCCUC U UCCACACA 10316 GUARGAGG CUGANIBAG COCGULAGGC COAA TAGGCGGUI 28691 3103 7927 CCUCUUCC CAAUCCAA 10317 UUGGANG CUGANIBAG CCGULAGGC COAA TAGGCGGUI 28691 3104 7926 CCUCUUCC CAUCCAAA 10318 ACCUUGAGA CUGANIBAG CCCGULAGGC COAA TAGAGGG 28691 3106 7924 UUCUCCACA TOCCAAGGUI 10319 ACCUUGAGA CUGANIBAG CCCGULAGGC COAA TAGAGGG 28691 3116 7920 CCAACUCC AAGGUCAA 10320 UUGACCUI CUGANIGAG CCCGULAGGC COAA TAGAGGG 28691 3116 7920 CCAACUCC AAGGUCAA 10320 UUGACCUI CUGANIGAG CCCGULAGGC COAA TUGACAGA 28695 3116 7920 CCAACUCC AUGUCAGA 10321 AUGUCACUI CUGANIGAG CCCGULAGGC COAA TAGAGGG 28697 3116 7914 CCAACGCC AUGUCAGA 10324 GUCGAAA CUGANIGAG CCCGULAGGC COAA TAGAGGG 28697 3122 7910 CCAACUCC AUGUCAGA 10324 GUCGAAA CUGANIGAG CCCGULAGGC COAA TAGAGGA 28691 3127 7903 CACUUUC CACCGGUI 10324 GUCGAAA CUGANIGAG CCCGULAGGC COAA TAGAGGA 28691 3127 7903 CACUUUC CACCGGUI 10324 GUCGAAA CUGANIGAG CCCGULAGGC COAA TAGAGGA CUGANIGAG CCCGULAGGA CUGANIGAG CCC	3077	7953	UGGGUUGC C AUAUAGUA	10308	UACUAUAU CUGAUGAG GCCGUUAGGC CGAA ICAACCCA	28683
1996	3078	7952	GGGUUGCC A UAUAGUAA	10309		28684
1999 1999 GIANACACC A ACCRICUIC 19912 GAGOCGGI CIGANIGAG CCGA A TURGUIUR 28687 7938 ACACCAAC C GCCUCUIC 10913 GANGAGC CUGANIGAG GCCGULAGGC CGAA TURGUIUR 28688 3098 7932 ACACCGGC C UCUUCCAC 10914 GUBGARGA CUGANIGAG GCCGULAGGC CGAA TURGUIUG 28689 3098 7932 ACACCGGC U CUUCCACA 10915 GUDGGAAG CUGANIGAG GCCGULAGGC CGAA TGAGGGGU 28699 3100 7930 ACCGGCUC U UCCCACAC 10916 GUGGGAGC CUGANIGAG GCCGULAGGC CGAA TGAGGGGU 28699 3101 7926 CCUCUUC C ACALCCAA 10917 TURGALIGU CUGANIGAG GCCGULAGGC CGAA TGAGGGGU 28691 3104 7926 CCUCUUC C ACALCCAA 10918 TURGALIGU CUGANIGAG GCCGULAGGC CGAA TAGAGGGG 28691 3104 7926 CCUCUUC C ACALCCAA 10918 CUGANIGAG CCCGULAGGC CGAA TAGAGGG 28691 3104 7926 CCUCUUC C ACALCCAA 10918 TURGALIGU CUGANIGAG GCCGULAGGC CGAA TAGAGGG 28691 3106 7924 UCULCCAC AUCCAAGGU 10919 ACCUUCAGA CUGANIGAG CCGGULAGGC CGAA TAGAGGG 28691 3109 7921 UCCACAUC CAAGGUCA 10920 AUCCACU CUGANIGAG GCCGULAGGC CGAA TAGAGGG 28691 3110 7920 CCACAUCC AUCCACUU CUGACAC CUGANIGAG CCGGULAGGC CGAA TAGAGGG 28691 3110 7920 CCACAUCC AUCCACUU CUGACAG CUGANIGAG CCCGULAGGC CGAA TAGAGGG 28691 3120 7910 GGICAAUC AUCUCCGG 10923 AUCCACU CUGANIGAG CCCGULAGGC CGAA TACCUUG 28691 3121 7908 UCAAUCAC UUUUCCGAC 10923 AUCCACU CUGANIGAG CCCGULAGGC CGAA TACCUGA 28691 3127 7908 UCAAUCAC UUUUCCGAC 10923 CUGANAC CUGANIGAG CCCGULAGGC CGAA TACCUGA 28691 3127 7908 UCAAUCAC UUUUCCGAC 10924 GUCGAAA CUGANIGAG CCCGULAGGC CGAA TACCUGA 28791 3144 7868 UCAAUCAC UUUCCGAC 10924 GUCGAAA CUGANIGAG CCCGULAGGC CGAA TACCUGA 28791 3145 7868 GAAAAACC UCACAGGA CUGANIGAG CCCGULAGGC CGAA TACCUGA 28791 3147 7868 GAAAAACC CGUCAGAC CUGANIGAG CCGAA TAGAGGC CGAA TACCUGA 28791 3147 7868 GAAAAACC CGUCAGAC 10934 GUCAACGG CUGANIG	3088	7942	AUAGUAAC A CCAACCGC	10310	GCGGUUGG CUGAUGAG GCCGUUAGGC CGAA IUUACUAU	28685
1995	3090	7940	AGUAACAC C AACCGCCU	10311	AGGCGGUU CUGAUGAG GCCGUUAGGC CGAA IUGUUACU	28686
1998 7933	3091	7939	GUAACACC A ACCGCCUC	10312	GAGGCGGU CUGAUGAG GCCGUUAGGC CGAA IGUGUUAC	28687
1908 7932	3094	7936	ACACCAAC C GCCUCUUC	10313	GAAGAGGC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGU	28688
1910 7920	3097	7933	CCAACCGC C UCUUCCAC	10314	GUGGAAGA CUGAUGAG GCCGUUAGGC CGAA ICGGUUGG	28689
1910 7927 GCCUCUUC C ACAUCCAA 10317 UUGALGIG CUGAUGAG GCCGUULAGGC CGAA IAAGAGGC 28692	3098	7932	CAACCGCC U CUUCCACA	10315	UGUGGAAG CUGAUGAG GCCGUUAGGC CGAA IGCGGUUG	28690
1926 CCUCUUCC A CAUCCAMS 19318 CUUGANIG CUGAUGAG CCGUUAGGC CGAA IGAAGAG 28693 106 7924 UCUACCAC A UCCAAGGG 10319 ACCUUGAGA CUGAUGAG CCGUUAGGC CGAA IANGUGGA 28695 109 7921 UCCACAUC C AAGUCAA 10320 UGBACCUU CUGAUGAG CCGUUAGGC CGAA IANGUGGA 28695 1116 7920 CCACAUC A AGGUCAAU 10321 AUGACCU CUGAUGAG CCGUUAGGC CGAA IANGUGGA 28695 1116 7914 CCAAGGUC A UCCCUUUU COS 10321 AUGACCU CUGAUGAG CCGUUAGGC CGAA IANGUGGA 28697 1127 7910 GGUCAAUC A CUUUUCCG 10323 CAGGAAAG CUGAUGAG CCGUUAGGC CGAA IANGUGGA 28697 1127 7910 CACGUUC C GACGUUU 10322 AUGACAC CUGAUGAG CCGUUAGGC CGAA IANGUGAC 28698 1127 7903 CACGUUUC C GACCGGUU 10323 ACCGUUC CUGAUGAG CCGUUAGGC CGAA IANGUGAC 28698 1127 7903 CACGUUC C GACCGGUU 10324 GUGGGAAA CUGAUGAG CCGUUAGGC CGAA IANGUGA 28701 1127 7903 CACGUUC C GACCGGUU 10325 AACCGGUC CUGAUGAG CCGUUAGGC CGAA IANGUGA 28701 1127 7903 CACGUUC C GACCGGUU 10326 CUCGAACC CUGAUGAG CCGUUAGGC CGAA IAUCGGAAA 28701 1147 7885 GAGAAACC C CCCGUUCGA 10327 CCGAACGGA CUGAUGAG CCCGUUAGGC CGAA IAUCGCC 28703 1147 7885 GAGAAACC C CCCGUUCGA 10327 CCGAACGGA CUGAUGAG CCCGUUAGGC CGAA IAUCGCC 28703 1147 7883 GAAACCUC C GUUCGAC 10329 GGUCGAAC CUGAUGAG CCCGUUAGGC CGAA IAUCUCC 28703 1158 7875 CGIUCGAC C ACCCUCU 10329 GGUCGAAC CUGAUGAG CCCGUUAGGC CGAA IAUCUCC 28703 1158 7875 CGIUCGAC C ACCCUCU 10331 AGAGGCC CUGAUGAG CCCGUUAGGC CGAA IAUCGACC 28706 1158 7875 CGIUCGAC C AUCUCAGUU 10332 ACUGAGAG CUGAUGAG CCCGUUAGGC CGAA IAUCGACC 28705 1156 7870 GACCAGCC C AUCUCAGUU 10332 ACUGAGGU CUGAUGAG CCCGUUAGGC CGAA IAUCGACC 28705 1156 7870 GACCAGC C AUCUCAGUU 10334 ACUGAGGA CUGAUGAG CCCGUUAGGC CGAA ICCUGGUC 28709 1156 7875 CGUCCACC C AUGUCAGA 10334 ACUGAGAG CUGAUGAG CCCGUUAGGC CGAA ICCUGGC 28704 1156 7865 GCCGUUCC C AGUUCAGC 10334 ACUGAGGA CUGAUGAG CCCGUUAGGC CGAA IACCGCC 28704 1156 7865 GCCGUUCC AGUCCAG CUGAGAG ACCGUUAGGC CGAA IACCAGC 28715 1156 7855 GCCGUCC C AGUCCAGC 10334 ACUCAGAG CU	3100	7930	ACCGCCUC U UCCACAUC	10316	GAUGUGGA CUGAUGAG GCCGUUAGGC CGAA IAGGCGGU	28691
1916 7924	3103	7927	GCCUCUUC C ACAUCCAA	10317	UUGGAUGU CUGAUGAG GCCGUUAGGC CGAA IAAGAGGC	28692
3109 7921	3104	7926	CCUCUUCC A CAUCCAAG	10318	CUUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGAGG	28693
3110 7920	3106	7924	UCUUCCAC A UCCAAGGU	10319	ACCUUGGA CUGAUGAG GCCGUUAGGC CGAA IUGGAAGA	28694
10.0 7920	3109	7921	UCCACAUC C AAGGUCAA	10320	UUGACCUU CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA	28695
3120 7910 GGUCAAUC A CUUUUCCG 10323 CGGAAAAG CUGAUGAG GCCGUUAGGC CGAA IAUUUGACC 28698 3122 7908 CCAUUUCC G ACCGGUU 10325 ACCGGUC CUGAUGAG GCCGUUAGGC CGAA IAAAAGUG 28709 3127 7903 CACUUUUC C GACCGGUU 10325 ACCGGUC CUGAUGAG GCCGUUAGGC CGAA IAAAAGUG 28701 3131 7899 UUUCCGAC GGUUCGAG 10326 CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA IAAAAGUG 28701 3144 7885 CGAGAAAC CUCGUUCG 10327 CCAACGG CUGAUGAG GCCGUUAGGC CGAA IUUUCUC 28703 3145 7885 GAGAAACC UCCGUUCGA 10328 UCCAACGG CUGAUGAG GCCGUUAGGC CGAA IUUUCUC 28703 3147 7883 GAAACCUC CUUUCGAC 10328 UCCAACGG CUGAUGAG GCCGUUAGGC CGAA IUUUCUC 28703 3147 7883 GAAACCUC CUUUCGAC 10328 GUUCAACG CUGAUGAG GCCGUUAGGC CGAA IUUUCUC 28703 3155 7874 GUUCGACC A GCCAUCU 10330 AGAUGGCU CUGAUGAG GCCGUUAGGC CGAA IUCGAAC 28705 3155 7874 GUUCGACC A GCCAUCU 10331 GAGAUGGC CUGAUGAG GCCGUUAGGC CGAA IUCGAAC 28705 3159 7871 CGACCAGC AUCUCAGU 10331 AACUGAGAU CUGAUGAG GCCGUUAGGC CGAA IUCGACC 28705 3159 7870 GACCAGCC AUCUCAGU 10331 AACUGAGA CUGAUGAG GCCGUUAGGC CGAA IUCGACC 28705 3159 7870 GACCAGC AUCUCAGU 10334 ACAAACUG CUGAUGAG GCCGUUAGGC CGAA IUCGACC 28705 3159 7870 GACCAGC AUCUCAGU 10334 ACAAACUG CUGAUGAG GCCGUUAGGC CGAA IUCGGUC 28703 3155 7855 GCCAUCUC A GUUUUGC 10334 AGACAAAC CUGAUGAG GCCGUUAGGC CGAA IAGAGC 28713 3173 7857 AUGUUUGC CUAGAGA 10338 AGGCAAC CUGAUGAG GCCGUUAGGC CGAA IAGAGC 28713 3179 7851 GCUGUCAC CUAGAGA 10338 AGGCAAC CUGAUGAG GCCGUUAGGC CGAA IAGACCG 28714 3179 7851 GCUGUCCC CUAGAGAC 10338 AGGCAAC CUGAUGAG GCCGUUAGGC CGAA IAGACCG 28714 3181 7849 UGUGCCCC CUAGAGAC 10338 AGUCUCAC CUGAUGAG GCCGUUAGGC CGAA ICACACC 28714 3188 7842 CUAGAGCC CUAGAGAC 10338 AGUCUCAC CUGAUGAG GCCGUUAGGC CGAA ICACCAC 28715 3189 7835	3110	7920	CCACAUCC A AGGUCAAU	10321	AUUGACCU CUGAUGAG GCCGUUAGGC CGAA IGAUGUGG	28696
3120 7910 GGUCAAUC A CUUUUCCG 10323 CGGAAAAG CUGAUGAG GCCGUUAGGC CGA IAUUGACC 28698 3122 7998 UCAAUCAC U UUUCCGAC 10325 ACCGGUC CUGAUGAG GCCGUUAGGC CGA IAAAAGUG 28790 1311 7899 UUUCCGAC GGUUCGAG 10325 ACCGGUC CUGAUGAG GCCGUUAGGC CGAA IAAAAGUG 28701 1314 7886 CGAGAAAC CUCGUUCGA 10325 CUCGAACC CUGAUGAG GCCGUUAGGC CGAA IAAAAGUG 28701 1314 7885 GAGAAAC CUCGUUCGA 10326 CUCGAACG CUGAUGAG GCCGUUAGGC CGAA IUUUCUC 28703 145 7885 GAGAAACC UCCGUUCGA 10328 UCGAACG CUGAUGAG GCCGUUAGGC CGAA IUUUCUC 28703 147 7883 GAAACCUC GUUCGAC 10328 UCGAACG CUGAUGAG GCCGUUAGGC CGAA IUUUCUC 28703 147 7885 GAGAACCU CGUUCGAC 10328 UCGAACG CUGAUGAG GCCGUUAGGC CGAA IUUUCUC 28703 155 7875 CGUUCGAC CGUCCU 10330 AGAUGGC CUGAUGAG GCCGUUAGGC CGAA IUCGAAC 28705 156 7874 GUUCGACC A GCCAUCU 10331 GAGAUGGC CUGAUGAG GCCGUUAGGC CGAA IUCGAAC 28705 1670 GACCAGC AUCUCAGU 10331 AACUGAGAU CUGAUGAG GCCGUUAGGC CGAA IUCGAAC 28705 1670 GACCAGC AUCUCAGU 10331 AACUGAGAU CUGAUGAG GCCGUUAGGC CGAA IUCGAAC 28705 1670 GACCAGC AUCUCAGU 10334 AACUGAGA CUGAUGAG GCCGUUAGGC CGAA IUCGAUC 28703 165 7867 GACCAGC AUCUCAGU 10334 AACAACU CUGAUGAG GCCGUUAGGC CGAA IUCGACC 28703 165 7867 GACCAGC AUCUCAGU 10334 AACAACU CUGAUGAG GCCGUUAGGC CGAA IAGGUGC 28703 165 7865 GCCAUCU AGUUUGU 10334 AGGCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGC 28703 165 7865 GCCAUCU AGUUCU 10335 AGGCAAC CUGAUGAG GCCGUUAGGC CGAA IAGACU 28716 1777 7851 GUUGUCGC CUAGAGAC 10338 AGGCAAC CUGAUGAG GCCGUUAGGC CGAA IAGACU 28716 1778 7852 UCGUGCC CUAGAGAC 10338 AGCACAC CUGAUGAG GCCGUUAGGC CGAA IAGACCA 28718 1888 7842 CUAGAGC CUAGAGC 10349 AGUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGACCA 28718 1888 7842 CUAGAGC CUAGAGC 10349 AGUCUCU CUGAUGAG G	-		CCAAGGUC A AUCACUUU		AAAGUGAU CUGAUGAG GCCGUUAGGC CGAA IACCUUGG	28697
3122 7908	3120	7910	GGUCAAUC A CUUUUCCG	10323	CGGAAAAG CUGAUGAG GCCGUUAGGC CGAA IAUUGACC	28698
3121 7993		7908	UCAAUCAC U UUUCCGAC	10324	GUCGGAAA CUGAUGAG GCCGUUAGGC CGAA IUGAUUGA	28699
3131 7899						
3144 7886				<u> </u>		
3145 7885						
3147 7883	-		<u> </u>			
3155 7875						
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3159 7871						
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3163 7867			<u> </u>			
3165 7865 GCCAUCUC A GUUUUGCU 10335 AGCAAAAC CUGAUGAG GCCGUUAGGC CGAA IAGAUGGC 28710						
3173 7857 AGUUUUGC U GUGCCCCU 10336 AGGGGCAC CUGAUGAG GCCGUUAGGC CGAA ICAAAACU 28711 3178 7852 UGCUGUGC C CCUAGAGA 10337 UCUCUAGG CUGAUGAG GCCGUUAGGC CGAA ICACAGCA 28712 3179 7851 GCUGUGC C CUAGAGAC 10338 GUCUCUAG CUGAUGAG GCCGUUAGGC CGAA IGCACAGC 28713 3180 7850 CUGUGCCC C UAGAGACU 10339 AGUCUCUA CUGAUGAG GCCGUUAGGC CGAA IGCACAGC 28713 3181 7849 UGUGCCCC U AGAGACUG 10340 CAGUCUCU CUGAUGAG GCCGUUAGGC CGAA IGGCACAG 28714 3188 7842 CUAGAGAC U GGAUGCCC 10341 GGGCAUCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAG 28715 3188 7842 CUAGAGAC U GGAUGCCC 10341 GGGCAUCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAG 28716 3195 7835 CUGGAUGC C UCCAGUGA 10342 CACUGGA CUGAUGAG GCCGUUAGGC CGAA IUCCUCAG 28717 3196 7834 UGGAUGCC C UCCAGUGA 10342 UCACUGGA CUGAUGAG GCCGUUAGGC CGAA ICAUCCA 28718 3197 7833 GGAUGCC U CCAGUGA 10343 UCACUGGA CUGAUGAG GCCGUUAGGC CGAA IGCAUCCA 28719 3199 7831 AUGCCCUC C AGUGACAU 10345 AUGUCACU CUGAUGAG GCCGUUAGGC CGAA IAGGCAUC 28721 3200 7830 UGCCCUCC A GUGACAU 10345 AUGUCACU CUGAUGAG GCCGUUAGGC CGAA IAGGCAU 28721 3206 7824 CCAGUGAC A UUGCCUUC 10347 GAAGGCAA CUGAUGAG GCCGUUAGGC CGAA IAGAGCA 28721 3215 7818 ACAUUGCC U UCUUUCC 10348 GGAAGAA CUGAUGAG GCCGUUAGGC CGAA ICACUGG 28722 3211 7819 GACAUUGC U UCUUUCC 10348 GGAAGAA CUGAUGAG GCCGUUAGGC CGAA ICAAUGU 28723 3215 7815 UUGCCUUC U UUCCUGGC 10350 GCCAGGAA CUGAUGAG GCCGUUAGGC CGAA IAGAGAA 28725 3219 7811 CUUCUUUC U UUCCUGGC 10350 ACACGCC CUGAUGAG GCCGUUAGGC CGAA IAAAGAA 28725 3219 7810 UUCUUUCC U GGCGUGU 10351 ACACGCCA CUGAUGAG GCCGUUAGGC CGAA IAAAGAA 28725 3220 7810 UUCUUUCC U GGCGUGU 10351 ACACGCCA CUGAUGAG GCCGUUAGGC CGAA IAAAACA 28728 3233 7797 UGUUUGC U GGCGUGU 10352 ACACGCC CUGAUGAG GCCGUUAGGC CGAA IAAAACA 28728 3236 7794 UUUGCCCC U GGAGGUC 10353 GCCUCAGC CUGAUGAG GCCGUUAGGC CGAA ICAAACCA						
3178	-		<u> </u>			
3179 7851 GCUGUGCC CUAGAGAC 10338 GUCUCUAG CUGAUGAG GCCGUUAGGC CGAA IGCACAGC CRATICAL CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA IGCACAGC CRATICAL CUGAUGAG GCCGUUAGGC CGAA IGCACAGC CRATICAL CUGAUGAG GCCGUUAGGC CGAA IGGCACAG CRATICAL CUGAUGAG GCCGUUAGGC CGAA IGGCACAC CRATICAL GGGCAUCC CUGAUGAG GCCGUUAGGC CGAA ICCUCUAGGC ICCUCUAGG						
3180 7850 CUGUGCCC C UAGAGACU 10339 AGUCUCUA CUGAUGAG GCCGUUAGGC CGAA IGGCACAG 28714 3181 7849 UGUGCCCC U AGAGACUG 10340 CAGUCUCU CUGAUGAG GCCGUUAGGC CGAA IGGGCACA 28715 3188 7842 CUAGAGAC U GGAUGCCC 10341 GGGCAUCC CUGAUGAG GCCGUUAGGC CGAA IUCUCUAG 28716 3195 7835 CUGGAUGC C CUCCAGUGA 10342 CACUGGAG CUGAUGAG GCCGUUAGGC CGAA ICAUCCAA 28717 3196 7834 UGGAUGCC C UCCAGUGA 10343 UCACUGGA CUGAUGAG GCCGUUAGGC CGAA IGCAUCCA 28718 3197 7833 GGAUGCC C UCCAGUGA 10344 GUCACUGG CUGAUGAG GCCGUUAGGC CGAA IGCAUCCA 28718 3199 7831 AUGCCCUC C AGUGACAU 10345 AUGUCACU CUGAUGAG GCCGUUAGGC CGAA IGGCAUCC 28719 3200 7830 UGCCCUCC AGUGACAU 10345 AUGUCACU CUGAUGAG GCCGUUAGGC CGAA IGAGGGCA 28721 3206 7824 CCAGUGAC AUGCCUUC 10347 GAAGGCAA CUGAUGAG GCCGUUAGGC CGAA IGAGGGCA 28722 3211 7819 GACAUUGC UUCUUUCCU 10347 GAAGGCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUGU 28723 3212 7818 ACAUUGCC UUCUUUCCU 10349 AGGAAAGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGU 28724 3215 7815 UUGCCUUC UUCUUCCU 10349 AGGAAAGA CUGAUGAG GCCGUUAGGC CGAA IAAGGCAA 28725 3219 7811 CUUCUUUC UUCCUGGC 10350 GCCAGGAA CUGAUGAG GCCGUUAGGC CGAA IAAGGCAA 28725 3220 7810 UUCUUUCC UGGCGUGU 10351 ACACGCCA CUGAUGAG GCCGUUAGGC CGAA IAAGGAA 28725 3233 7797 UGUUUUCC UGGCGUGU 10352 ACACGCC CUGAUGAG GCCGUUAGGC CGAA IAAGAAA 28727 3233 7797 UGUUUUCC UGGAGGA 10353 GCCUCAGC CUGAUGAG GCCGUUAGGC CGAA IAAAGAA 28727 3233 7797 UGUUUGCG UCGAUGAG 10354 GAUCGCC CUGAUGAG GCCGUUAGGC CGAA IAAACA 28728 3246 7794 UUUGCCGC UCGAUGAG 10355 AUCACUGA CUGAUGAG GCCGUUAGGC CGAA ICAAACA 28732 3246 7795 UGAUGAC UCGAUGAG 10356 CGCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCAU 28731 3261 7767 AUGGCCUC UUUGCGG 10356 CGCAAAGA C						
3181 7849						———
3188 7842 CUAGAGAC U GGAUGCCC 10341 GGGCAUCC CUGAUGAG GCCGUUAGGC CGAA IUCUCUAG 28716 3195 7835 CUGGAUGC C CUCCAGUG 10342 CACUGGAG CUGAUGAG GCCGUUAGGC CGAA ICAUCCAG 28717 3196 7834 UGGAUGC C UCCAGUGA 10343 UCACUGGA CUGAUGAG GCCGUUAGGC CGAA IGCAUCCA 28718 3197 7833 GGAUGCCC U CCAGUGAC 10344 GUCACUGG CUGAUGAG GCCGUUAGGC CGAA IGGCAUCC 28719 3199 7831 AUGCCCUC C AGUGACAU 10345 AUGUCACU CUGAUGAG GCCGUUAGGC CGAA IAGGGCAU 28720 3200 7830 UGCCCUCC A GUGACAUU 10346 AAUGUCAC CUGAUGAG GCCGUUAGGC CGAA IAGGGCA 28721 3206 7824 CCAGUGAC A UUGCCUUC 10347 GAAAGAA CUGAUGAG GCCGUUAGGC CGAA ICAAUGU 28723 3211 7819 GACAUGCC U UCUUUCCU 10348 GGAAAGAA CUGAUGAG GCCGUUAGGC CGAA IACAUGU 28724 3212 7818 ACAUGCCU U UUCUUCCU 10349 AGGAAAGAA CUGAUGAG GCCGUUAGGC CGAA IAAGGAA 28725 3212 7815 UUGCCUUC U UUCCUGGC 10350 GCCAGGGAA CUGAUGAG GCCGUUAGGC CGAA IAAGAACA 28725 <td></td> <td></td> <td></td> <td><u> </u></td> <td></td> <td></td>				<u> </u>		
3195 7835 CUGGAUGC C CUCCAGUG 10342 CACUGGAG CUGAUGAG GCCGUUAGGC CGAA ICAUCCAG 28717 3196 7834 UGGAUGCC C UCCAGUGA 10343 UCACUGGA CUGAUGAG GCCGUUAGGC CGAA IGCAUCCA 28718 3197 7833 GGAUGCC U CCAGUGAC 10344 GUCACUGG CUGAUGAG GCCGUUAGGC CGAA IGCAUCC 28719 3199 7831 AUGCCCUC C AGUGACAU 10345 AUGUCACU CUGAUGAG GCCGUUAGGC CGAA IAGGGCAU 28720 3200 7830 UGCCCUCC A GUGACAUU 10346 AAUGUCAC CUGAUGAG GCCGUUAGGC CGAA IAGGGCAU 28721 3206 7824 CCAGUGAC A UUGCCUUC 10347 GAAGGCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUGU 28722 3211 7819 GACAUUGC C UUCUUUCCU 10348 GGAAAGAA CUGAUGAG GCCGUUAGGC CGAA ICAAUGU 28723 3212 7818 ACAUUGCC U UUCUUCCU 10349 AGGAAAGA CUGAUGAG GCCGUUAGGC CGAA IAAGGCAA 28725 3215 7815 UUGCCUUC U UUCCUGGC 10350 GCCAGGAA CUGAUGAG GCCGUUAGGC CGAA IAAGGCAA 28725 3220 7810 UUCUUUCC U GGCGUGU 10351 ACACGCCC CUGAUGAG GCCGUUAGGC CGAA IAAGAA 28727 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td></tr<>						
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3219 7811 CUUCUUUC C UGGCGUGU 10351 ACACGCCA CUGAUGAG GCCGUUAGGC CGAA IAAAGAAG 28726 3220 7810 UUCUUUCC U GGCGUGUU 10352 AACACGCC CUGAUGAG GCCGUUAGGC CGAA IGAAAGAA 28727 3233 7797 UGUUUUGC C GCUGAGCG 10353 CGCUCAGC CUGAUGAG GCCGUUAGGC CGAA ICAAAACA 28728 3236 7794 UUUGCCGC U GAGCGAUC 10354 GAUCGCUC CUGAUGAG GCCGUUAGGC CGAA ICGACAAA 28729 3248 7782 CGAUCGAC U UCGAUGAU 10355 AUCAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCGAUCG 28730 3260 7770 AUGAUGGC C UCUUUGCG 10356 CGCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCAU 28731 3261 7769 UGAUGGCC U CUUUGCGG 10357 CCGCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUCA 28732 3263 7767 AUGGCCUC U UUGCGGUA 10358 UACCGCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 28733 3273 7757 UGCGGUAC C UAGUGAAC 10359 GUUCACUA CUGAUGAG GCCGUUAGGC CGAA IUACCGCA 28734			<u>} </u>			-
32207810UUCUUUCC U GGCGUGUU10352AACACGCC CUGAUGAG GCCGUUAGGC CGAA IGAAAGAA2872732337797UGUUUGC C GCUGAGCG 10353CGCUCAGC CUGAUGAG GCCGUUAGGC CGAA ICAAAACA2872832367794UUUGCCGC U GAGCGAUC 10354GAUCGCUC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAA2872932487782CGAUCGAC U UCGAUGAU 10355AUCAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCGAUCG2873032607770AUGAUGGC C UCUUUGCG 10356CGCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCAU2873132617769UGAUGGCC U CUUUGCGG 10357CCGCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUCA2873232637767AUGGCCUC U UUGCGGUA 10358UACCGCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU2873332737757UGCGGUAC C UAGUGAAC 10359GUUCACUA CUGAUGAG GCCGUUAGGC CGAA IUACCGCA28734						
32337797UGUUUUGC C GCUGAGCG10353CGCUCAGC CUGAUGAG GCCGUUAGGC CGAA ICAAAACA2872832367794UUUGCCGC U GAGCGAUC 10354GAUCGCUC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAA2872932487782CGAUCGAC U UCGAUGAU 10355AUCAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCGAUCG2873032607770AUGAUGGC C UCUUUGCG 10356CGCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCAU2873132617769UGAUGGCC U CUUUGCGG 10357CCGCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUCA2873232637767AUGGCCUC U UUGCGGUA 10358UACCGCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU2873332737757UGCGGUAC C UAGUGAAC 10359GUUCACUA CUGAUGAG GCCGUUAGGC CGAA IUACCGCA28734						
3236 7794 UUUGCCGC U GAGCGAUC 10354 GAUCGCUC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAA 28729 3248 7782 CGAUCGAC U UCGAUGAU 10355 AUCAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCGAUCG 28730 3260 7770 AUGAUGGC C UCUUUGCG 10356 CGCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCAU 28731 3261 7769 UGAUGGCC U CUUUGCGG 10357 CCGCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUCAU 28732 3263 7767 AUGGCCUC U UUGCGGUA 10358 UACCGCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 28733 3273 7757 UGCGGUAC C UAGUGAAC 10359 GUUCACUA CUGAUGAG GCCGUUAGGC CGAA IUACCGCA 28734						
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3261 7769 UGAUGGCC U CUUUGCGG 10357 CCGCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUCA 28732 3263 7767 AUGGCCUC U UUGCGGUA 10358 UACCGCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 28733 3273 7757 UGCGGUAC C UAGUGAAC 10359 GUUCACUA CUGAUGAG GCCGUUAGGC CGAA IUACCGCA 28734						
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3273 7757 UGCGGUAC C UAGUGAAC 10359 GUUCACUA CUGAUGAG GCCGUUAGGC CGAA IUACCGCA 28734						
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3274 7756 GCGGUACC U AGUGAACU 10360 AGUUCACU CUGAUGAG GCCGUUAGGC CGAA IGUACCGC 28735						
	3274	7756	GCGGUACC U AGUGAACU	10360	AGUUCACU CUGAUGAG GCCGUUAGGC CGAA IGUACCGC	28735

Table IX

2200	2740	UAGUGAAC U CUUCUUUU	10361	AAAAGAAG CUGAUGAG GCCGUUAGGC CGAA IUUCACUA	28736
3282	7748			ACAAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGUUCAC	28737
3284	7746	GUGAACUC U UCUUUUGU	10362		
3287	7743	AACUCUUC U UUUGUCAU	10363	AUGACAAA CUGAUGAG GCCGUUAGGC CGAA IAAGAGUU	28738
3294	7736	CUUUUGUC A UCUGGUUG	10364	CAACCAGA CUGAUGAG GCCGUUAGGC CGAA IACAAAAG	28739
3297	7733	UUGUCAUC U GGUUGAGU	10365	ACUCAACC CUGAUGAG GCCGUUAGGC CGAA IAUGACAA	28740
3307	7723	GUUGAGUC U UUCUUUCC	10366	GGAAAGAA CUGAUGAG GCCGUUAGGC CGAA IACUCAAC	28741
3311	7719	AGUCUUUC U UUCCAAAC	10367	GUUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAAAGACU	28742
3315	7715	UUUCUUUC C AAACCUCU	10368	AGAGGUUU CUGAUGAG GCCGUUAGGC CGAA IAAAGAAA	28743
3316	7714	UUCUUUCC A AACCUCUC	10369	GAGAGGUU CUGAUGAG GCCGUUAGGC CGAA IGAAAGAA	28744
3320	7710	UUCCAAAC C UCUCCCAA	10370	UUGGGAGA CUGAUGAG GCCGUUAGGC CGAA IUUUGGAA	28745
3321	7709	UCCAAACC U CUCCCAAG	10371	CUUGGGAG CUGAUGAG GCCGUUAGGC CGAA IGUUUGGA	28746
		CAAACCUC U CCCAAGGU	10372	ACCUUGGG CUGAUGAG GCCGUUAGGC CGAA IAGGUUUG	28747
3323	7707			GCACCUUG CUGAUGAG GCCGUUAGGC CGAA IAGAGGUU	28748
3325	7705	AACCUCUC C CAAGGUGC	10373		
3326	7704	ACCUCUCC C AAGGUGCG	10374	CGCACCUU CUGAUGAG GCCGUUAGGC CGAA IGAGAGGU	28749
3327	7703	CCUCUCCC A AGGUGCGU	10375	ACGCACCU CUGAUGAG GCCGUUAGGC CGAA IGGAGAGG	28750
3337	7693	GGUGCGUC C UUUUGCCC	10376	GGGCAAAA CUGAUGAG GCCGUUAGGC CGAA IACGCACC	28751
3338	7692	GUGCGUCC U UUUGCCCC	10377	GGGGCAAA CUGAUGAG GCCGUUAGGC CGAA IGACGCAC	28752
3344	7686	CCUUUUGC C CCACCUCU	10378	AGAGGUGG CUGAUGAG GCCGUUAGGC CGAA ICAAAAGG	28753
3345	7685	CUUUUGCC C CACCUCUU	10379	AAGAGGUG CUGAUGAG GCCGUUAGGC CGAA IGCAAAAG	28754
3346	7684	UUUUGCCC C ACCUCUUU	10380	AAAGAGGU CUGAUGAG GCCGUUAGGC CGAA IGGCAAAA	28755
3347	7683	UUUGCCCC A CCUCUUUU	10381	AAAAGAGG CUGAUGAG GCCGUUAGGC CGAA IGGGCAAA	28756
3349	7681	UGCCCAC C UCUUUUA	103B2	UAAAAAGA CUGAUGAG GCCGUUAGGC CGAA IUGGGGCA	28757
3350	7680	GCCCCACC U CUUUUUAG	10383	CUAAAAAG CUGAUGAG GCCGUUAGGC CGAA IGUGGGGC	28758
3352	7678	CCCACCUC U UUUUAGUC	10384	GACUAAAA CUGAUGAG GCCGUUAGGC CGAA IAGGUGGG	28759
				AAAAACCA CUGAUGAG GCCGUUAGGC CGAA IACUAAAA	28760
3361	7669	UUUUAGUC C UGGUUUUU	10385		
3362	7668	UUUAGUCC U GGUUUUUC	10386	GAAAAACC CUGAUGAG GCCGUUAGGC CGAA IGACUAAA	28761
3371	7659	GGUUUUUC C AUGUUCUU	10387	AAGAACAU CUGAUGAG GCCGUUAGGC CGAA IAAAAACC	28762
3372	7658	GUUUUUCC A UGUUCUUU	10388	AAAGAACA CUGAUGAG GCCGUUAGGC CGAA IGAAAAAC	28763
3378	7652	CCAUGUUC U UUAUGAGU	10389	ACUCAUAA CUGAUGAG GCCGUUAGGC CGAA IAACAUGG	28764
3390	7640	UGAGUGUC C AUGUUAUG	10390	CAUAACAU CUGAUGAG GCCGUUAGGC CGAA IACACUCA	28765
3391	7639	GAGUGUCC A UGUUAUGG	10391	CCAUAACA CUGAUGAG GCCGUUAGGC CGAA IGACACUC	28766
3406	7624	GGAUAGAC A UGACAACC	10392	GGUUGUCA CUGAUGAG GCCGUUAGGC CGAA IUCUAUCC	28767
3411	7619	GACAUGAC A ACCAACCC	10393	GGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IUCAUGUC	28768
3414	7616	AUGACAAC C AACCCCCA	10394	UGGGGGUU CUGAUGAG GCCGUUAGGC CGAA IUUGUCAU	28769
3415	7615	UGACAACC A ACCCCCAC	10395	GUGGGGU CUGAUGAG GCCGUUAGGC CGAA IGUUGUCA	28770
3418	7612	CAACCAAC C CCCACGCA	10396	UGCGUGGG CUGAUGAG GCCGUUAGGC CGAA IUUGGUUG	28771
	7611	AACCAACC C CCACGCAU	10397	AUGCGUGG CUGAUGAG GCCGUUAGGC CGAA IGUUGGUU	28772
3419		ACCAACC C CCACGCAUG		CAUGCGUG CUGAUGAG GCCGUUAGGC CGAA IGGUUGGU	28773
3420	7610		10398		
3421	7609	CCAACCCC C ACGCAUGA	10399	UCAUGCGU CUGAUGAG GCCGUUAGGC CGAA IGGGUUGG	28774
3422	7608	CAACCCCC A CGCAUGAU	10400	AUCAUGCG CUGAUGAG GCCGUUAGGC CGAA IGGGGUUG	28775
3426	7604	CCCCACGC A UGAUGUGG	10401	CCACAUCA CUGAUGAG GCCGUUAGGC CGAA ICGUGGGG	28776
3436	7594	GAUGUGGC A GAGUCCGA	10402	UCGGACUC CUGAUGAG GCCGUUAGGC CGAA ICCACAUC	28777
3442	7588	GCAGAGUC C GAUGGCAG	10403	CUGCCAUC CUGAUGAG GCCGUUAGGC CGAA IACUCUGC	28778
3449	7581	CCGAUGGC A GUUGUUGC	10404	GCAACAAC CUGAUGAG GCCGUUAGGC CGAA ICCAUCGG	28779
3462	7568	UUGCGUUC C AAACAGAG	10405	CUCUGUUU CUGAUGAG GCCGUUAGGC CGAA IAACGCAA	28780
3463	7567	UGCGUUCC A AACAGAGC	10406	GCUCUGUU CUGAUGAG GCCGUUAGGC CGAA IGAACGCA	28781
3467	7563	UUCCAAAC A GAGCUUGC	10407		28782
3472	7558	AACAGAGC U UGCUCCAU	10408	AUGGAGCA CUGAUGAG GCCGUUAGGC CGAA ICUCUGUU	28783
3476	7554	GAGCUUGC U CCAUUCUC	10409		28784
3478	7552	GCUUGCUC C AUUCUCCC	10410	GGGAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCAAGC	28785
		CUUGCUCC A UUCUCCCA			28786
3479	7551		10411		-
3483	7547	CUCCAUUC U CCCAAAGC	10412	<u> </u>	28787
3485	7545	CCAUUCUC C CAAAGCGU	10413		28788
3486	7544	CAUUCUCC C AAAGCGUC	10414	GACGCUUU CUGAUGAG GCCGUUAGGC CGAA IGAGAAUG	28789
3487	7543	AUUCUCCC A AAGCGUCA	10415		28790
3495	7535	AAAGCGUC A CCGCUGCG	10416	CGCAGCGG CUGAUGAG GCCGUUAGGC CGAA IACGCUUU	28791
3497	7533	AGCGUCAC C GCUGCGGC	10417	GCCGCAGC CUGAUGAG GCCGUUAGGC CGAA IUGACGCU	28792
3500	7530	GUCACCGC U GCGGCCGU	10418	ACGGCCGC CUGAUGAG GCCGUUAGGC CGAA ICGGUGAC	28793
3506	7524	GCUGCGGC C GUGAUCAA	10419		28794
3513	7517	CCGUGAUC A AAAUUCCG	10420		28795
3520	7510	CAAAAUUC C GGCUUCUC	10421		28796
2320	1,320		1 20221	and and controlled decontrolled constraints	20,70

Table IX

1933 1936 COGGUNIC U CUIDACIGU 10423 GUIDANIANA CUIDALINA GEOGRAPHIA 28999 1933 1939 GUIDAGINE U GUICANACA 10424 GUIDANIACA CUIDALINA CUIDALINA GEOGRAPHIA 28991 1934 1939 GUIDAGINE U GUICANACA 10425 GUICAGUNA CUIDALINA GEOGRAPHIA CUIDALINA CU	3524	7506	AUUCCGGC U UCUCGUAC	10422	GUACGAGA CUGAUGAG GCCGUUAGGC CGAA ICCGGAAU	28797
\$3537 \$497 UCUICIDADE U GUCUUCE 10424 GUGUANGA CURAURAN GCCGUIUNGC COAN ILACAGUAE 28890 \$3590 \$496 CUGUCUUC A CAGACCOGO 10425 GUCUUCUGU GUGUAUGA GCCGUIUNGC COAN ILACAGUAE 28890 \$3521 \$498 ACCIGUUCU A CAGACCOGO 10427 ACCCCGUCUC CURAURAN GCCGUIUNGC COAN ILACAGUAE 28891 \$3521 \$498 ACCGGUIUCA CURAURAC CURAURAC CURAURAC GCCGUIUNGC COAN ILACAGUAE 28891 \$3521 \$498 ACCGGUIUCA CURAURAC 10428 ACQUAUGUAE GCCGUIUNGC COAN ILACAGUAE 28891 \$3524 \$498 ACCGGUIUCA CURAURAC CURAURAC GCCGUIUNGC COAN ILACAGUAE 28891 \$3537 \$473 UCUCULAC CACACCOGO CURAURAC GCCGUIUNGC COAN ILACAGUAE 28891 \$3537 ACADACCOG CACACCOGO CACACC				10423		28798
1937 1933 GIMCIGUE U UCACAGAC 10425 GOGUGUIGO COMAUMA (GOGUGUIAGO COMA HAGRAGA 28891 3540 4968 GUIGUICAC A GACGAGUI 10427 AACCCAUC CUMAUMA (GOGUGUIAGO COMA HAGRAGA 28891 3542 4468 GUICUCAC A GACGAGUI 10427 AACCCAUC CUMAUMA (GOGUGUIAGO COMA HAGRAGA 28891 3557 7473 GOGUCAC A CUICACAC 10428 ACCCAUCAC CUMAUMA (GOGUGUIAGO COMA HAGRAGA 28893 3557 7473 CUICACACA C A CUICACAC 10428 CAGUGUIGO CUGAUMAGA (GOGUGUIAGO COMA HAGRAGA 28893 3557 7473 CUICACACAC D CUICACACA 10439 GUIGUICAC CUICACACA GOCUGUIAGO COMA HAGRAGA 28893 3550 7467 ACURCURC U CUICACACA 10431 GUIGUICAC CUICACACA GOCUGUIAGO COMA HAGRAGA 28895 3557 7467 ACURCURC U CUICACAC 10431 GUIGUICAC CUICACACA GOCUGUIAGO COMA HAGRAGA 28895 3557 7467 ACURCURC U CUICACAC 10431 GUICUCCU CUICACAC CUICACACA GOCUGUIAGO COMA HAGRAGA 28895 3557 7457 AGRAGACA CAGUACAC 10431 GUICUCUU CUICACAC CUICACACA GOCUGUIAGO COMA HAGRAGA 10431 GUICUCUU CUICACAC CUICACACA GOCUGUIAGO COMA HAGRAGA 28897 7457 AGRAGACAC AGRAGACAC 10435 GUICUCUU CUICACAC GUICUCACAC GUICACACA 10431 GUICUCUU CUICACACA GUICUCACAC 28893 3579 7455 AGRAGACAC AGRAGACAC 10435 GUICUCACAC CUICACACA GUICUCACAC 28893 3589 7445 AGRACACAC AGRAGACAC 10436 GUICACACAC 10436 GUICUCACAC 10436 GUICUCACAC 10436 GUICACACAC 10436 GUICACACAC 10436 GUICUCACAC 10441 AGRAGAACAC CUICACACAC 10441 AGRAGACAC CUICACACAC 10441 AGRAGACACAC CUICACACAC 10441 AGRAGACACAC CUICACACAC 10441 AGRAGACAC CUICACACAC 10441 AGRAGACAC CUICACACAC 10441 AG				10424	GUGAAGAC CUGAUGAG GCCGUUAGGC CGAA IUACGAGA	28799
1949 CHICTUTE & CARACCOS 10425 CCCCUTUS CURANGAS GCCCUURAGE CRAN INARCADE 28801 2522 7478 GUICUTICA & GROCOGUU 10427 ANCECCUE CURANGAS GCCCUURAGE CRAN IURARCARE 28802 2525 7478 CCCCUTUS & GROCOGUE 10429 GARGOGUE CURANGAS GCCCUURAGE CRAN IURARCARE 28802 2525 7478 CCCCUTUS & CATRACUTE 10429 GARGOGUE CURANGAS GCCCUURAGE CRAN IURARCARE 28804 2525 7479 CCCCUTUS & CATRACUTE 10429 GARGOGUE CURANGAS GCCCUURAGE CRAN IURARCARE 28804 2525					GUCUGUGA CUGAUGAG GCCGUUAGGC CGAA IACAGUAC	28800
1948 1948 GIOUTICAC & GACCOGUU 10428 ADRICAGUE CUARIGAS GCGUURAGG CGAA TACCOGU 28803 3552 7475 ACCOGUUC & CUARIGAC 10428 AGRIGADE CUARIGAS GCGUURAGG CGAA TACCOGU 28803 3554 7475 GOGUUCAC & ACTIGACIC 10429 GAGIGAGI CUARIGAS GCGUURAGG CGAA TACCOGU 28803 3557 7477 UUCCOCAC & ACTIGAGGA 10439 GAGIGAGG CUARIGAS GCGUURAGG CGAA TACCOGU 28803 3558 7477 ACUACURAC & GAGRAGA 10432 UUCCUARC CURRIGAS GCGUURAGG CGAA TACCAGU 28803 3553 7467 ACUACURAC & GAGRAGA 10432 UUCCUARC CURRIGAS GCGUURAGG CGAA TACAGGU 28803 3553 7467 ACUACURAC & GARAGAGA 10432 UUCCUARC CURRIGAS GCCGUURAGG CGAA TACAGGU 28803 3553 7467 ACUACURAC & ACAGAGGA 10433 GUUCUCUC CURRIGAS GCCGUURAGG GCAA TACAGGU 28803 3573 7457 CUARAGAG & CARAGUCA 10433 GUUCUCUC CURRIGAS GCCGUURAGG GCAA TACAGGU 28803 3573 7457 ACAGAGAC & ARAGUCAG 10435 CUARAGGA GCCGUURAGG GCAA TACAGGU 28803 3573 7457 ARAGACAC & ARAGUCAG 10435 GUURAUCUC CURRIGAG GCCGUURAGG GGAA TACAGGU 28803 3574 454 GAGACAC & ARAGUCAG 10435 CUARAGGAC CUARAGAG GCCGUURAGG GGAA TACAGGU 28803 3583 7445 ARAGUCAG & A GAGUACUC 10437 GALCOAGC CUARAGAG GCCGUURAGG GGAA TACAGGU 28803 3593 7435 ACAGAGA CUARAGAG 10430 GAGRAGAG CUARAGAG GCCGUURAGG GGAA TACAGGU 28803 3595 7435 GAUCUGU GUCCACAC 10439 ACAGAGA CUARAGAG GCCGUURAGG GGAA TACAGGU 28803 3595 7435 GAUCUGU CUARAGAG GCCGUURAGG GGAA TACAGGU CUARAGAG CUARAGAG GCCGUURAGG GGAA TACAGGU CUARAGAG CUARA					CCCGUCUG CUGAUGAG GCCGUUAGGC CGAA IAAGACAG	28801
1975 1977 ROCEGUIC R CHACHEU 19429 AGUARDING GLOSULANGE CHAN TRACCOUT 88804 1976 GGGUIUCAC U ACURCUSCI D. 10429 GGGUIUGA GUCCULUNAGE CHAN TUGALCCC S8804 1977 UUCACUAC U ACURCUSCI D. 10429 GGGUIUGA GUCCULUNAGE CHAN TUGALCCC S8804 1977 UUCACUAC U ACURCUSCI D. 10430 GCGUIUGAGE CHAN TUGALCCC S8804 1978 1						28802
1955 17475 GOGUUCAC U NATURCUNC 10429 GOAGURGI UNANUGA GOAGUNAGO COAN INGANCO 88804 3557 7470 AUCIGURO A CRUGURACI C 10430 GOUGURAGO CUANUGA GOCUUNAGO COAN INGAUCA 28805 3558 7467 ACUACURO A GOUGAGARA 10432 UUUCURAC CUANUGAG GOCUUNAGO COAN INGAUCA 28805 3566 7467 ACUACURO A GOUGAGARA 10432 UUUCURAC CUANUGAG GOCUUNAGO COAN INGAUCA 28805 3566 7467 ACUACURO A GOUGAGARA 10432 UUUCURAC CUANUGAG GOCUUNAGO COAN INGAUCA 28805 3573 7457 CURAGARC A COAAGUC 10433 GUGUCUC CUGALGAG GOCUUNAGO COAN INCAUCUCU 28805 3573 7457 CURAGARC C A AGALUCA 10435 CURAUCAG GOCUUNAGO GOAN INCOUCUA 28805 3575 7455 AGARACAC C ANAGUCA 10435 CURAUCAG GOCUUNAGO GOAN INCOUCUA 28805 3576 7454 AGALCACC A AGALUCAC 10435 GUGUALUC CUANUGAG GOCUUNAGO COAN INCOUCUA 28801 3578 7455 AGARCAC A GOUGACUC 10437 GAUCUCU CUANUGAG GOCUUNAGO COAN INCOUCUA 28801 3580 7435 AGALCACC A MARIACAGO 10437 GAUCUCU CUANUGAG GOCUUNAGO COAN INCOUCUA 28801 3591 7435 GAUCUGU C C ACCUUNCU 10449 ACAGARCA UCANUCAC CUANUGAG GOCUUNAGO COAN INCOUCU 28801 3595 7435 GAUCUGU C C ACCUUNCU 10449 ACAGARCA CUANUGAG GOCUUNAGO COAN INCOUCU 28801 3596 7435 ARUCUGUC C ACCUUNCU 10449 AGARAGU CUANUGAG GOCUUNAGO COAN INCOUCU 28801 3597 7431 UUUCUCUC U C ACCUUNCU 10440 AGARAGU CUANUGAG GOCUUNAGO COAN INCOUCU 28801 3599 7431 UUUCUCUC U C ACCUUNCU 10440 AGARAGU CUANUGAG GOCUUNAGO COAN INCOUCU 28801 3599 7431 UUUCUCUC U C ACCUUNCU 10440 AGARAGU CUANUGAG GOCUUNAGO COAN INCOUCU 28801 3606 7424 UUUCUCUC U C ACCUUNCU 10440 AGARAGU CUANUGAG GOCUUNAGO COAN INCOUCU 28801 3606 7424 UUUCUCUC U C ACCUUNCU 10440 AGARAGU CUANUGAG GOCUUNAGO COAN INCOUCU 28801 3607 7401 UUCUCUCU U C ACCUUNCU 10440 AGARAGU CUANUGAG GOCUUNAGO COAN INCOUCU 28801 3608 7401 UUCUCUCU U C ACCUUNCU 10440 AGARAGU CUANUGAG GOCUUNAGO COAN INCOUCU 28801 3609 7412 UUUCUCU						
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1969 1970						
1966 7454 ACURCARC U AGAGRCA 10413 GUDUCUCU CUBAUGAG GCCSUUAGGC CANA TCUCCAGU 28809 1975 7455 AGAGACAC C ANGAUCAG 10435 CUGAUCUU CUGAUGAG GCCSUUAGGC CANA TCUCCAGU 28809 1975 7455 AGAGACAC C ANGAUCAG 10436 GCUGAUCUC CUGAUGAG GCCSUUAGGC CANA TCUCCAGU 28809 1975 7455 AGAGACAC A CANAUCAGU 10436 GCUGAUCU CUGAUGAG GCCGUUAGGC CANA TCUCCAGU 28811 1975 7448 CARACACC A CANAUCAGU 10437 GAUCAGU CUGAUGAG GCCGUUAGGC CANA TCUCCAGU 28811 1975 7458 AGAUCAGC A UGAUCUGU 10439 ACAGAUCAG CUGAUGAG CCGAUTAGGC CANA TCUCCAGU 28811 1975 7458 AGAUCAGC A UGAUCUGU 10439 ACAGAUCAG CUGAUGAG CCGAUTAGGC CANA TCUCCAGU 28813 1975 7435 GAUCUGU C GAUCUUCU 10440 AGAAAGUU CUGAUGAG GCCGUUAGGC CANA TCUCAGU 28814 1975 7431 UGUCCAAC U UCUCUUCU 10440 AGAAAGUU CUGAUGAG GCCGUUAGGC CANA TCUCAGU 28815 1975 7431 UGUCCAAC U UCUCUUCU 10440 AGAAAGUU CUGAUGAG GCCGUUAGGC CANA TCUCAGU 28815 1975 7431 UGUCCAAC U UCUCUUCU 10440 AGAAAGUU CUGAUGAG GCCGUUAGGC CANA TCUCAGU 28816 1975 7431 UGUCCAAC U UCUCUUCU 10440 AGAAAGU CUGAUGAG GCCGUUAGGC CANA TCUCAGU 28817 1975	-					
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1935 17435 GCAUGAIDC U GUICCAACU 10439 AGUUGGAC CUGAUGAG GCCGUUAGGC CGAA TADCAUCC 28814 3595 74354 AUCUGUIC A ACUUUCUU 10441 AGGAAGGU CUGAUGAG GCCGUUAGGC CGAA TACACAUC 28815 3596 7431 AUCUGUCC A ACUUUCUU 10441 AAGGAAGGU CUGAUGAG GCCGUUAGGC CGAA TACACAGU 28815 3596 7431 UGUCCAAC U UUCUUCUG 10442 CAGAAGAA CUGAUGAG GCCGUUAGGC CGAA TACACAGU 28815 3599 7431 UGUCCAAC U UUCUUCUG 10442 CAGAAGAA CUGAUGAG GCCGUUAGGC CGAA TACACAGAU 28815 3599 7431 UCUUCUGC A UGAUGAG CAUGAGGA GCCGUUAGGC CGAA TACACAGA 28817 3606 7424 CUUUCUUC A UGAUGAG CAUGAGGA GCCGUUAGGC CGAA TACACAGA 28817 3609 7421 UCUUCUGC A UGAUGAG CAUGAGGA GCCGUUAGGC CGAA TACAGAAG 28818 3609 7421 UCUUCUGC A UGAUGAGG CAUGAGGA GCCGUUAGGC CGAA TACAGAAG 28819 3609 7421 UCUUCUGC A UGAUGAGG CACACACC CUGAUGAG GCCGUUAGGC CGAA TACAGAAG 28821 3627 7403 UGGGCGCC UGAUUUCU 10445 ACCCACAC CUGAUGAG GCCGUUAGGC CGAA TACAGAACA 28821 3629 7401 GUGCGCCC UGAUGAG GCCGUUAGGC CGAA TACAGAACA 28823 3629 7401 GUGCGCCC C GUGCCC 10449 GUGGCCCC CUGAUGAG GCCGUUAGGC CGAA TACAGACA 28823 3644 7386 GGGACGUC C GUGGCCCA 10449 GUGGCCCC CUGAUGAG GCCGUUAGGC CGAA TACACACA 28823 3650 7380 UCCAUGACC C AGGAGGCC 10453 GGGACGGC CCGUUAGGG CGAA TACACACG 28824 3650 7380 CUCCAUGAC 10453 GGGACGGC CUGAUGAG GCCGUUAGGC CGAA TACACGCG 28824 3656 7380 UCCAUGAC C AUCCACCA 10453 GGGAUGGU CUGAUGAG GCCGUUAGGC CGAA TACACGCG 28825 3658 7377 ACCAGAGCC A UCCACCAC 10453 GUGCGUCG CUGAUGAG GCCGUUAGGC CGAA TACACGGC 28826 3659 7371 ACCAGGCC A UCCACCAC 10453 GUGCGUGG CUGAUGAG GCCGUUAGGC CGAA TACACCGG 28826 3669 7365 CAGACCCC A UCCACCAC 10455 GUGGGGGC CUGAUGAG GCCGUUAGGC CGAA TACACCGG 28826 3669 7365 CAGACCCC U ACAGGGCU 10455 GUCGGGGG CUGAUGAG GCCGUUAGGC CGAA TACACGG 28831 3666 7365 CAGACCCC U ACAGGGG CUGAUGAG GCCGUUAGGC CGAA TACACGG 28831 3666 7365 CAGACCCC U ACAGGGG CUGAUGAG CUGAUGAG GCCGUU						
1955 1955						
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3599 7431	3595					
7427	3596	7434				
1044 CUIUCUUC U GCAUGAIG 10444 CAUCAUGC CUGAUGAG GCCGUUAGGC CGAA TAAGAAAG 28819 3609 7421 UCUUCUUG U GCAUGAIGA 10445 CACCAUCA CUGAUGAG GCCGUUAGGC CGAA TAAGAAAG 28819 3629 7401 GUGCGCG U CUAAUUUC U 10446 AGAAUUAG CUGAUGAG GCCGUUAGGC CGAA TAGGACAC 28821 3629 7401 GUGCGCC U AAUUCUG	3599	7431				
1659 7421 UCUUCUGC A UGAUGGGU 10445 ACCCAUCA CUGAUGAG GCGUUAGGC CGAA ICAGAAGA 28820 16297 7401 GUGGGCGC U CUAAUUCU 10446 AGAAUUAG CUGAUGAG GCGUUAGGC CGAA ICAGACCA 28821 16297 7401 GUGGGCGC CUGAUGAG GCGUUAGGC GCAA IAGCGCAC 28822 16297 7401 GUGGGCGC CUGAUGAG GCGUUAGGC GCAA IAGCGCAC 28822 16297 7401 GUGGCGC CUGAUGAG GCGUUAGGC GCAA IAAGCGCAC 28823 1644 7386 GGGGCGC CUGAUGAG GCGUUAGGC GCAA IAAGUCCC 28824 16597 7380 UCCGUGGC CUGAUGAG GUGGCCAC CUGAUGAG GCGUUAGGC GCAA IACGUCCC 28824 16597 16	3603	7427	CAACUUUC U UCUGCAUG			
1982 1982	3606	7424	CUUUCUUC U GCAUGAUG	10444		
3629 7401	3609	7421	UCUUCUGC A UGAUGGGU	10445		
1985 1985	3627	7403	UGGUGCGC U CUAAUUCU	10446		
3644 7386	3629	7401	GUGCGCUC U AAUUCUGG	10447		ļ
3650 7380	3635	7395	UCUAAUUC U GGGACGUC	10448	GACGUCCC CUGAUGAG GCCGUUAGGC CGAA IAAUUAGA	28823
1985 1985	3644	7386	GGGACGUC C GUGGCCAC	10449	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGUCCC	28824
3658 7372 CACGAUGC C AUCCACUA 10452 UAGUGGAU CUGAUGAG GCCGUUAGGC CGAA ICAUCGUG 28827 3659 7371 ACGAUGCC A UCCACUAC 10453 GUAGUGGA CUGAUGAG GCCGUUAGGC CGAA IGCAUCGU 28828 3662 7368 AUGCCAUC CAUACAGC 10454 GCUGUAGU CUGAUGAG GCCGUUAGGC CGAA IAUGCAU 28828 3663 7367 UGCCAUCC CUCACAGCG 10455 CGCUGUAG CUGAUGAG GCCGUUAGGC CGAA IAUGCAU 28830 3665 7365 CCAUCCAC CUACAGCG 10455 CGCUGUAG CUGAUGAG GCCGUUAGGC CGAA IAUGGCA 28830 3668 7362 UCCACUAC ACAGCGUU 10456 AACGCUGU CUGAUGAG GCCGUUAGGC CGAA IUAGUGGA 28831 3668 7362 UCCACUAC A GCGUUCU 10457 AAGAACC CUGAUGAG GCCGUUAGGC CGAA IUAGUGGA 28832 3675 7355 CAGCGUUC UCAUGAUU 10458 AAUCAUGA CUGAUGAG GCCGUUAGGC CGAA IAAGAACG 28834 3678 7352 CAGGGUUC UCAUGAUU 10458 AAUCAUGA CUGAUGAG GCCGUUAGGC CGAA IAAGAACG 28834 3689 7345 CAUGAUUC C GGCGCCG 10460 CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IAAGAACG 28836 7341 AUTUCCGGC C GCUGUCCG 10461 CAGCAGCC CUGAUGAG GCCGUUAGGC CGAA IAAGAACG 28836 7338 CCGGCGCC GUCCGCCG 10462 CGGCGGC CUGAUGAG GCCGUUAGGC CGAA ICAGCGC 28837 3692 7338 CCGGCGCC CUGACGGC CUGAUGAG GCCGUUAGGC CGAA ICAGCGC 28837 3692 7338 CCGCCGCC CUGACGGC 10462 CGGCGGC CUGAUGAG GCCGUUAGGC CGAA ICAGCGC 28837 3692 7338 CCGCCGCC CUGACGGC 10463 CCCAGCGC CUGAUGAG GCCGUUAGGC CGAA ICAGCGC 28837 3792 7338 CCGCCGCC CUGACGGC 10465 CCCAGCGC CUGAUGAG GCCGUUAGGC CGAA ICAGCGC 28837 3792 7331 CUGCCGC CGCGCGGC 10465 CAGCGGC CUGAUGAG GCCGUUAGGC CGAA ICAGCGC 28837 3792 7331 CCGCCGC CGCGCGC CGAGCGC CUGAUGAG GCCGUUAGGC CGAA ICAGCGC 28840 3793 7301 GCCUCAGC CUGACGCC CUGACGGC CUGAUGAG GCCGUUAGGC CGAA ICAGCGC 28841 3719 7311 CGCAUGC CAGCGGCA 10467 UGCGCGC CUGAUGAG GCCGUUAGGC CGAA ICAGCGC 28841 3722 7306 GCCUCAGC CUGACGCC 10466 GAAGCUC	3650	7380	UCCGUGGC C ACGAUGCC	10450	GGCAUCGU CUGAUGAG GCCGUUAGGC CGAA ICCACGGA	28825
3659 7371 ACGAUGGC A UCCACUAC 10453 GUAGUGGA CUGAUGAG GCCGUUAGGC CGAA IGCAUCGU 28828 3662 7368 AUGCCAUC C ACUACAGGC 10454 GCUGUAGG CUGAUGAG GCCGUUAGGC CGAA IAUGGCAU 28829 3663 7367 UGCCAUCC A CUACAGGC 10455 CGCUGUAGG CUGAUGAG GCCGUUAGGC CGAA IAUGGCAU 28829 3665 7365 CGCAUCCAC U ACAGGGUU 10456 AACGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGCAU 28831 3668 7362 UCCACUAC ACAGGGUU 10457 AAGAACGC CUGAUGAG GCCGUUAGGC CGAA IAUGGAUGG 28831 3678 7355 CAGCGUUC U UCAUGAUU 10457 AAGAACGC CUGAUGAG GCCGUUAGGC CGAA IAUGGAUG 28833 3678 7355 CAGCGUUC UCAUGAUU 10458 AAUCAUGA CUGAUGAG GCCGUUAGGC CGAA IAAGACG 28834 3685 7345 CAUGAUUC C GGCCGUG 10459 GCGAAUCA CUGAUGAG GCCGUUAGGC CGAA IAAGACG 28834 3685 7345 CAUGAUUC C GGCCGUG 10461 CGGACCAC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG 28835 3699 7331 AUUCCGGC C GCUGCCG 10461 CGGACCAC CUGAUGAG GCCGUUAGGC CGAA IACCGUG 28836 3699 7331 CUGUCCGC C GCCGCCGG 10462 CGGCGGC CUGAUGAG GCCGUUAGGC CGAA IACCGCG 28837 3696 7334 CCGCCGCG C GCCGCCGG 10462 CCGCCGC CUGAUGAG GCCGUUAGGC CGAA IACCGCG 28837 3702 7328 UCCGCCGC C GCGGGGC 10464 AGCCCAC CUGAUGAG GCCGUUAGGC CGAA IACCGCG 28837 3707 7323 CCGCCGCC C GCGGGCU 10464 AGCCCAC CUGAUGAG GCCGUUAGGC CGAA IACCGCG 28841 3714 7316 CUGACGGC UGACGCCC 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCGCCGC 28841 3714 7316 CUGACGCC UCAGCCCC 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCGCCGC 28841 3714 7316 CUGACGC UCAGCUUC 10467 UGAGCCAC CUGAUGAG GCCGUUAGGC CGAA ICCGCCC 28841 3719 7311 CGCAUGCC UCAGCCUC 10467 UGAGCCAC CUGAUGAG GCCGUUAGGC CGAA ICCACGC 28841 3722 7308 AUUGCCCC C ACCGGGA 10472 UGCCGCC CUGAUGAG GCCGUUAGGC CGAA ICCACGC 28841 3722 7305 GCCUCAGC UCACCCUC 10469 GCAAGCCU CUGAUGAG GCCGUUAGGC CGAA ICC	3651	7379	CCGUGGCC A CGAUGCCA	10451	UGGCAUCG CUGAUGAG GCCGUUAGGC CGAA IGCCACGG	28826
3662 7368 AUGCCAUC C ACUACAGC 10454 GCUGUAGU CUGAUGAG GCCGUUAGGC CGAA IAUGGCAU 28829 3663 7367 UGCCAUCC A CUACAGCG 10455 CGCUGUAG CUGAUGAG GCCGUUAGGC CGAA IAUGGCAC 28830 3665 7365 CCAUCCAC U ACAGCGUU 10456 AACGCUGU CUGAUGAG GCCGUUAGGC CGAA IUAGUAGG 28831 3668 7362 UCCACUAC A GCGUUCUU 10457 AAGACCG CUGAUGAG GCCGUUAGGC CGAA IUAGUAGA 28832 3668 7362 UCCACUAC A GCGUUCUU 10457 AAGACCG CUGAUGAG GCCGUUAGGC CGAA IUAGUAGA 28833 3678 7352 CGUUCUUC A UGAUUCCG 10459 CGGAAUCA CUGAUGAG GCCGUUAGGC CGAA IUAGUAGA 28833 3678 7352 CGUUCUUC A UGAUUCCG 10459 CGGAAUCA CUGAUGAG GCCGUUAGGC CGAA IAAGACG 28833 3689 7341 AUUCCGGC C GCUGUCGG 10460 CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG 28835 3689 7341 AUUCCGGC C GCUGUCG 10461 CGGACAGC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG 28836 3692 7338 CCGGCCGC U GUCCGCG 10462 CCGGCGGC CUGAUGAG GCCGUUAGGC CGAA IACGCGG 28837 3696 7334 CUGUCCGC C GCCGGUG 10463 CCAGCGGC CUGAUGAG GCCGUUAGGC CGAA IACGGCGG 28837 3792 7328 UCCGCCGC C GCCGGUG 10463 CCAGCGGC CUGAUGAG GCCGUUAGGC CGAA ICCGGACA 28839 3702 7328 UCCGCCGC C GCGGGCU 10465 CUCAGCGC CUGAUGAG GCCGUUAGGC CGAA ICCGGACA 28839 3702 7328 UCCGCCGC C GGAGGGC 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCGACAC 28839 3702 7328 UCCGCCGC C GAGCGGC 10466 AUGCGCC CUGAUGAG GCCGUUAGGC CGAA ICCGACG 28841 3714 7316 CUGAGCGC U GAGCGCUU 10466 AUGCGCC CUGAUGAG GCCGUUAGGC CGAA ICCGACG 28842 3729 7311 CGCAUGCC C UCAGCGC 10467 UGAGCGCC CUGAUGAG GCCGUUAGGC CGAA ICCGACG 28842 3729 7311 CGCAUGCC C UCAGCGC 10467 UGAGCGCC CUGAUGAG GCCGUUAGGC CGAA ICCCAGCG 28844 3720 7310 GCAUUGCC U CAGCUUG 10467 UGAGCGGC CUGAUGAG GCCGUUAGGC CGAA ICCAACC 28843 3729 7311 CGCAUGCC U CAGCCUGC 10467 UGAGCGGC CUGAUGAG GCCGUUAGGC CGAA ICCAACC 28843 3729 7306 ACGUCGCC U CAGCGGAA ICAACGCU 28845 3729 7306 CCGUUAGCC C AACCGGGAA ICAACGCU 28845 3729 7301 CAG	3658	7372	CACGAUGC C AUCCACUA	10452	UAGUGGAU CUGAUGAG GCCGUUAGGC CGAA ICAUCGUG	28827
3663 7367	3659	7371	ACGAUGCC A UCCACUAC	10453	GUAGUGGA CUGAUGAG GCCGUUAGGC CGAA IGCAUCGU	28828
3665 7365 CCAUCCAC U ACAGCGUU 10456 AACGCUGU CUGAUGAG GCCGUUAGGC CGAA LUAGUGG 28831 3668 7362 UCCACURC A GCGUUCUU 10457 AAGAACGC CUGAUGAG GCCGUUAGGC CGAA LUAGUGGA 28832 3675 7355 CAGCGUUC U UCAUGAUU 10458 AAUCAUGA CUGAUGAG GCCGUUAGGC CGAA LAACGCUC 28833 3678 7352 CGUUCUUC A UGAUUCUC 10459 CGGAAUCA CUGAUGAG GCCGUUAGGC CGAA LAACGCUC 28833 3685 7345 CAUGAUUC CGGCGCUC 10460 CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA LAACGACU 28835 3689 7341 AUUCCGGC CGUGUCGG 10461 CGGACAGC CUGAUGAG GCCGUUAGGC CGAA LAACGACU 28836 3699 7338 CCGGCGCUC GUCCGCC 10462 CGGCGGAC CUGAUGAG GCCGUUAGGC CGAA LACGACGC 28837 3696 7334 CCGCUGUC CGCCGCGG 10463 CCAGCGGC CUGAUGAG GCCGUUAGGC CGAA LACGACGG 28838 3699 7331 CUGUCCGC CGCGCGGGC CUGAUGAG GCCGUUAGGC CGAA LACGACGG 28838 3702 7328 UCCGCCGC GGGCGGCC 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA LACGACGG 28839 3702 7328 UCCGCCGC UGAGGGC UGAGGCC CUGAUGAG GCCGUUAGGC CGAA LCGGACA 28840 3704 7316 CUGAGCGC UGAGGGC 10467 UGAGGCCC CUGAUGAG GCCGUUAGGC CGAA LCGGCAGA 28841 3714 7316 CUGAGCGC UGAGCGC 10467 UGAGGCAC CUGAUGAG GCCGUUAGGC CGAA LCGCUCAG 28843 3720 7310 GCAUUGCC UCAGCUUC 10467 UGAGGCAC CUGAUGAG GCCGUUAGGC CGAA LCCAGCG 28843 3720 7310 GCAUUGCC UCAGCUUC 10469 GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA LCCAGCG 28844 3722 7308 AUUGCCUC ACCGUGAC 10467 UGAGGCAC CUGAUGAG GCCGUUAGGC CGAA LCCACCC 28844 3725 7305 GCCUCAGC UCAGCCUC 10469 GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA LCCAGCAC 28845 3729 7301 CAGCUUC ACCGGGAA 10470 UGCCAGC CUGAUGAG GCCGUUAGGC CGAA LCCAGCAC 28846 3733 7297 UUGCCAAC UGCCAAC 10471 UGCUCAG GCCGUUAGGC CGAA LCAAGCU 28846 3733 7297 UUGCCAAC ACCGGGAA 10473 UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA LCAAGCU 28846 3733 7297 UUGCCAAC ACCGGGAA 1047	3662	7368	AUGCCAUC C ACUACAGC	10454	GCUGUAGU CUGAUGAG GCCGUUAGGC CGAA IAUGGCAU	28829
3668 7362 UCCACUAC A GCUUUCU 10457 AAGAACG CUGAUGAG GCCGUUAGGC CGAA IUAGUGGA 28832 3675 7355 CAGCGUUC U UCAUGAUU 10458 AAUCAUGA CUGAUGAG GCCGUUAGGC CGAA IAACGCUG 28833 3678 7352 CGUUCUUC A UGAUUCGG 10459 CGGAAUCA CUGAUGAG GCCGUUAGGC CGAA IAACGCUG 28834 3685 7345 CAUGAUUC C GGCCGCG 10460 CAGCGGC CUGAUGAG GCCGUUAGGC CGAA IAACACC 28834 3689 7341 AUUCCGGC C GCUGUCGG 10461 CGGACAGC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG 28835 3699 7331 CUGUCGCG UGUCGCG 10461 CGGACAGC CUGAUGAG GCCGUUAGGC CGAA ICACGGAAU 28836 3699 7331 CUGUCGGC C GCUGUGGG 10462 CGGCGGGC CUGAUGAG GCCGUUAGGC CGAA ICACGGG 28837 3696 7334 CUGUCGC C GCUGGGC 10462 CGGCGGGC CUGAUGAG GCCGUUAGGC CGAA ICACGGG 28838 3699 7331 CUGUCGCC C GCUGGGCU 10464 AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA ICACGGG 28838 3699 7331 CUGUCGCC C GGCGGGG 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICACGGG 28838 3702 7328 UCCGCCGC C GGCGGGA 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICACGGG 28840 3707 7323 CGCUGGGC C GGCGGAA 10465 AUGCGCC C CUGAUGAG GCCGUUAGGC CGAA ICACGGG 28841 3714 7316 CUGAGCGC A UUGCCUCA 10467 UGAGGCC C CUGAUGAG GCCGUUAGGC CGAA ICCCAGCG 28841 3719 7311 CGCAUUGC C UCAGCUUC 10469 CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGC 28842 3722 7308 AUUGCCUC A GCUUCCA 10469 CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGC 28845 3725 7305 GCCUCAGC U CAGCUUCC 10470 UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA ICAAUGC 28845 3725 7305 GCCUCAGC U CAGCUUCC 10470 UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA ICAAGCU 28845 3725 7305 GCCUCAGC U ACCGGGAA 10470 UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA ICAAGCU 28845 3725 7305 GCCUCAGC U ACCGGGAA 10470 UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA ICCAAGCU 28846 3733 7390 AGCUUGC A ACCGGGAA 10470 UGCCAAC CUGAUGAG GCCGUUAGGC CGAA ICCAAGCU 28846 3733 7290 CAGGGGAC A AACAGCU 4060000000000000000000000000000000000	3663	7367	UGCCAUCC A CUACAGCG	10455	CGCUGUAG CUGAUGAG GCCGUUAGGC CGAA IGAUGGCA	28830
3668 7362	3665	7365	CCAUCCAC U ACAGCGUU	10456	AACGCUGU CUGAUGAG GCCGUUAGGC CGAA IUGGAUGG	28831
3675 7355			UCCACUAC A GCGUUCUU	10457	AAGAACGC CUGAUGAG GCCGUUAGGC CGAA IUAGUGGA	28832
3678 7352 CGUUCUUC A UGAUUCCG 10459 CGGAAUCA CUGAUGAG GCCGUUAGGC CGA IAAGACG 28834 3685 7345 CAUGAUUC C GGCCGUG 10460 CAGCGGCC CUGAUGAG GCCGUUAGGC CGA IAAUCAUG 28835 3689 7341 AUUCCGGC C GCUGUCCG 10461 CGGACAGC CUGAUGAG GCCGUUAGGC CGA ICCGCCGG 28837 3692 7338 CCGGCCGC U GUCGCCG 10462 CGGGGGC CUGAUGAG GCCGUUAGGC CGAA ICCGCCGG 28837 3696 7331 CUGUCCGC C GCUGGGCU 10464 AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGCCGG 28838 3699 7331 CUGUCCGC C GCUGGGCU 10464 AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGCCG 28839 3702 7328 UCCGCCGC U GGGCUGAG 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCAGCG 28840 3707 7323 CGCUGGCC U GAGCGCAU 10466 AUGCGCCC CUGAUGAG GCCGUUAGGC CGAA ICCAGCG 28841 3714 7316 CUGAGCGC A UGCCCA 10468 CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCAG 28843 3720 7310 GCAUUGCC A GCUUGCCA 10469 GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA ICCAUCAG 28844 </td <td></td> <td></td> <td></td> <td>10458</td> <td>AAUCAUGA CUGAUGAG GCCGUUAGGC CGAA IAACGCUG</td> <td>28833</td>				10458	AAUCAUGA CUGAUGAG GCCGUUAGGC CGAA IAACGCUG	28833
3685 7345 CAUGAUUC C GGCCGCUG 10460 CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG 28835 3689 7341 AUUCCGGC C GCUGUCG 10461 CGGACAGC CUGAUGAG GCGAA ICCGGCAA 28836 3692 7338 CCGCGUGC C GUCCGCG 10462 CGGCGGC CUGAUGAG GCCGUUAGGC CGAA ICCGCCGG 28837 3696 7334 CCGCUGC C GCGCUGG 10463 CCAGCGGC CUGAUGAG CCGAA ICCGCCGC 28838 3699 7331 CUGUCGC C GCGGGGC 10464 AGCCCAGC CUGAUGAG CCGAA ICGGCGGA 28838 3707 7328 UCCGCGCC U GAGCGCAU 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCCAGCG 28841 3714 7316 CUGAGCCC U UGCCUCA 10467 UGAGGCAC CUGAUGAG GCCGUUAGGC CGAA ICCAGCUG 28842 3719 7311 CGCAUGCC CAGCU				10459	CGGAAUCA CUGAUGAG GCCGUUAGGC CGAA IAAGAACG	28834
3689 7341 AUUCCGGC C GCUGUCCG 10461 CGGACAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGAAU 28836 3692 7338 CCGGCCGC U GUCCGCCG 10462 CGGCGGAC CUGAUGAG CCGUUAGGC CGAA ICCGCCGC 28837 3696 7334 CCGCUGUC C GCCGCUGG 10463 CCAGCGGC CUGAUGAG GCCGUUAGGC CGAA IACAGCGG 28838 3699 7331 CUGUCGCC C GCUGGGC 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICGGCGGA 28840 3702 7328 UCCGCCGC U GAGCGAU 10465 CUGAGCCC CUGAUGGC CGAA ICCGAGGA 28840 3707 7323 CGCUGGC U UGCACACU 10466 AUGCGCUC CUGAUGGC CUGAGCGU 10467 UGAGGCAA CUGAUGGC CGAA ICCCAGCG 28841 3719 7311 CGCAUUGC UCAGCUUG 10468 CAAGCUGA CUGAUGAG CGAA ICCAGUUAGC CGAA			CAUGAUUC C GGCCGCUG	10460	CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG	28835
3692 7338 CCGGCCGC U GUCCGCCG 10462 CGGCGGAC CUGAUGAG GCCGUUAGGC CGAA ICGGCCGG 28837 3696 7334 CCGCUGUC C GCCGCUGG 10463 CCAGCGGC CUGAUGAG GCCGUUAGGC CGAA IACAGCGG 28838 3699 7331 CUGUCGCC C GCUGGGCU 10464 AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA ICGGCGA 28849 3702 7328 UCCGCGGC U GAGCGCAU 10465 CUCAGCCU CUGAUGAG CCGUUAGGC CGAA ICCGGCGC 28840 3701 7316 CUGAGCC A UUGCCUCA 10467 UGAGCACA CUGAUGAG CGAA ICCAGCCGC 28841 3719 7311 CGCAUUGC C UCAGCUUG 10468 CAAGCUGA CUGAUGAG CGAA ICCAAUGC 28843 3722 7308 AUUGCCUCA AGCUUGCA 10470 UGGCAACC CUGAUGAG CGAA IAGCAUGC 28844 3725 7305 GCCUCAGC UGC				-	CGGACAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGAAU	28836
3696 7334 CCGCUGUC C GCCGCUGG 10463 CCAGCGGC CUGAUGAG GCCGUUAGGC CGAA IACAGCGG 28838 3699 7331 CUGUCCGC C GCUGGGCU 10464 AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA ICGGCAG 28839 3702 7328 UCCGCCGC U GGGCUGAG 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICGCCGGA 28840 3707 7323 CGCUGGGC U GAGCGCAU 10466 AUGCGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCCAGC 28841 3714 7316 CUGAGCGC A UUGCCUCA 10467 UGAGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCCUCAG 28842 3719 7311 CGCAUUGC U CAGCUUG 10468 CAAGCUG CUGAUGAG GCCGUUAGGC CGAA ICAAUGC 28843 3720 7310 GCAUUGCC U CAGCUUGC 10469 GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IGCAAUGC 28845 3725 7305 GCCUCAGC U UGCCAACC 10471 GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGACGC 28845 3729 7301 CAGCUUGC A ACCGGGA 10472 UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCU 28846 3730 7300 AGCUUGCC A ACCGGGAA 10473 UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCCG CGAA ICAAGCU <td< td=""><td></td><td></td><td></td><td>+</td><td>CGGCGGAC CUGAUGAG GCCGUUAGGC CGAA ICGGCCGG</td><td>28837</td></td<>				+	CGGCGGAC CUGAUGAG GCCGUUAGGC CGAA ICGGCCGG	28837
3699 7331 CUGUCCGC C GCUGGCU 10464 AGCCCAGC CUGAUGAG GCCGUUAGG CGAA ICGGACAG 28839 3702 7328 UCCGCCGC U GGGCUGAG 10465 CUCAGCCC CUGAUGAG CGAA ICGGCGAA 28840 3707 7323 CGCUGGGC U GAGCGAU 10466 AUGCGCUC CUGAUGAG CCGUUAGGC CGAA ICCCAGCG 28841 3714 7316 CUGAGCGC A UUGCCUCA 10467 UGAGGCAA CUGAUGAG CGCGUUAGGC CGAA ICCCAGCG 28842 3719 7311 CGCAUUGC C UCAGCUUG 10468 CAAGCUGA CUGAUGAG CGCGUUAGGC CGAA ICCAAUGC 28843 3720 7310 GCAUUGCC U CAGCUUGC 10469 GCAAGCU CUGAUGAG CCGGUUAGGC CGAA IGCAAUGC 28844 3722 7308 AUUGCCAGC U GCCAACC 10471 GGUUAGGG CUGAUGAG CGAA ICUAGGG 28845 3729 7301 CAGC				 	CCAGCGC CUGAUGAG GCCGUUAGGC CGAA IACAGCGG	28838
3702 7328 UCCGCCGC U GGGCUGAG 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICGGCGA 28840 3707 7323 CGCUGGGC U GAGCGCAU 10466 AUGCGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCAGCG 28841 3714 7316 CUGAGCGC A UUGCCUCA 10467 UGAGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCCUCAG 28842 3719 7311 CGCAUUGC C UCAGCUUG 10468 CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGC 28843 3720 7310 GCAUUGCC U CAGCUUGC 10469 GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IGCAAUGC 28844 3722 7308 AUUGCCUC A GCUUGCCA 10470 UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU 28845 3725 7305 GCCUCAGC U UGCCAACC 10471 GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC 28846 3729 7301 CAGCUUGC C AACCGGGA 10472 UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28847 3730 7300 AGCUUGCC A ACCGGGAA 10473 UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA ICAAGCU 28848 3733 7297 UUGCCAAC C GGGAACCA 10474 UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGCCAA 28849 3740 7290 CCGGGAAC C A UGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCG 28850 3741 7289 CGGGAACC A UGUAGGC 104						28839
3707 7323 CGCUGGGC U GAGCGCAU 10466 AUGCGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCAGCG 28841 3714 7316 CUGAGGGC A UUGCCUCA 10467 UGAGGCAA CUGAUGAG GCCGUUAGGC CGAA ICGCUCAG 28842 3719 7311 CGCAUUGC C UCAGCUUG 10468 CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGCG 28843 3720 7310 GCAUUGCC U CAGCUUGC 10469 GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IGCAAUGC 28844 3722 7308 AUUGCCUC A GCUUGCCA 10470 UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU 28845 3725 7305 GCCUCAGC U UGCCAACC 10471 GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC 28846 3729 7301 CAGCUUGC C AACCGGGA 10472 UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28847 3730 7300 AGCUUGCC A ACCGGGAA 10472 UCCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28848 3733 7297 UUGCCAAC C GGGAACCA 10474 UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA 28849 3740 7290 CCGGGAAC C AUGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 28850 3741 7289 CGGGAACC A UGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCG 28851 3749 7281 AUGUAGGC A UAGUGGCA 10476 UGCCUACA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852 3757 7273 AUAGUGGC A UAGUGGCA 10478 UCCCUIUUU CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28853 3773 7257 AGUGUUGC C GCUGUUAC 10479 GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICCACAUU 28854 3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICCACAUU 28855 3782 7248 GCUGUUAC C GUAACGGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICCACACC 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856 3782 7248 GCUGUUAC C GUAACCGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856 3782						
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7310 GCAUUGCC U CAGCUUGC 10469 GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IGCAAUGC 28844 3722 7308 AUUGCCUC A GCUUGCCA 10470 UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU 28845 3725 7305 GCCUCAGC U UGCCAACC 10471 GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC 28846 3729 7301 CAGCUUGC C AACCGGGA 10472 UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28847 3730 7300 AGCUUGCC A ACCGGGAA 10473 UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU 28848 3733 7297 UUGCCAAC C GGGAACCA 10474 UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA 28849 3740 7290 CCGGGAAC C AUGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 28850 3741 7289 CGGGAACC A UGUAGGCA 10476 UGCCUACAU CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG 28851 3749 7281 AUGUAGGC A UAGUGGCA 10477 UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852 3757 7273 AUAGUGGC A AAAAAGGA 10478 UCCUUIUUU CUGAUGAG GCCGUUAGGC CGAA ICCACCUA 28853 3773 7257 AGUGUUGC C GCUGUUAC 10479 GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28854 3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28855						+
37227308AUUGCCUC A GCUUGCCA10470UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU2884537257305GCCUCAGC U UGCCAACC10471GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC2884637297301CAGCUUGC C AACCGGGA10472UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG2884737307300AGCUUGCC A ACCGGGAA10473UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU2884837337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAAC C AUGUAGGC10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG2885037417289CGGGAACC A UGUAGGCA10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG2885137497281AUGUAGGC A UAGUGGCA10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU2885237577273AUAGUGGC A AAAAAGGA10478UCCUJUJUJ CUGAUGAG GCCGUUAGGC CGAA ICCACUAU2885337737257AGUGUUGC C GCUGUUAC10479GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU2885437767254GUUGCCGC U GUUACCGU10480ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICAGCAC2885537827248GCUGUUAC C GUAACGGU10481ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC28856						
3725 7305 GCCUCAGC U UGCCAACC 10471 GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC 28846 3729 7301 CAGCUUGC C AACCGGGA 10472 UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28847 3730 7300 AGCUUGCC A ACCGGGAA 10473 UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU 28848 3733 7297 UUGCCAAC C GGGAACCA 10474 UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA 28849 3740 7290 CCGGGAAC C AUGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 28850 3741 7289 CGGGAACC A UGUAGGCA 10476 UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG 28851 3749 7281 AUGUAGGC A UAGUGGCA 10477 UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852 3757 7273 AUAGUGGC A AAAAAGGA 10478 UCCUUIUUU CUGAUGAG GCCGUUAGGC CGAA ICCACCUAU 28853 3773 7257 AGUGUUGC C GCUGUUAC 10479 GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28854 3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856						
37297301CAGCUUGC C AACCGGGA10472UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG2884737307300AGCUUGCC A ACCGGGAA10473UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU2884837337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAAC C AUGUAGGC10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG2885037417289CGGGAACC A UGUAGGCA10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG2885137497281AUGUAGGC A UAGUGGCA10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU2885237577273AUAGUGGC A AAAAAGGA10478UCCUUIUUU CUGAUGAG GCCGUUAGGC CGAA ICCACUAU2885337737257AGUGUUGC C GCUGUUAC10479GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU2885437767254GUUGCCGC U GUUACCGU10480ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICAGCAC2885537827248GCUGUUAC C GUAACGGU10481ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC28856			 	+		
3730 7300 AGCUUGCC A ACCGGGAA 10473 UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU 28848 3733 7297 UUGCCAAC C GGGAACCA 10474 UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA 28849 3740 7290 CCGGGAAC C AUGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 28850 3741 7289 CGGGAACC A UGUAGGCA 10476 UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG 28851 3749 7281 AUGUAGGC A UAGUGGCA 10477 UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852 3757 7273 AUAGUGGC A AAAAAGGA 10478 UCCUUUUU CUGAUGAG GCCGUUAGGC CGAA ICCACUAU 28853 3773 7257 AGUGUUGC C GCUGUUAC 10479 GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28854 3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856			<u> </u>	+	<u> </u>	
3733 7297 UUGCCAAC C GGGAACCA 10474 UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA 28849 3740 7290 CCGGGAAC C AUGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 28850 3741 7289 CGGGAACC A UGUAGGCA 10476 UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG 28851 3749 7281 AUGUAGGC A UAGUGGCA 10477 UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852 3757 7273 AUAGUGGC A AAAAAGGA 10478 UCCUUUUU CUGAUGAG GCCGUUAGGC CGAA ICCACUAU 28853 3773 7257 AGUGUUGC C GCUGUUAC 10479 GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28854 3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAC 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856						
3740 7290 CCGGGAAC C AUGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 28850 3741 7289 CGGGAACC A UGUAGGCA 10476 UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG 28851 3749 7281 AUGUAGGC A UAGUGGCA 10477 UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852 3757 7273 AUAGUGGC A AAAAAGGA 10478 UCCUUUUU CUGAUGAG GCCGUUAGGC CGAA ICCACUAU 28853 3773 7257 AGUGUUGC C GCUGUUAC 10479 GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28854 3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAC 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856						
3741 7289 CGGGAACC A UGUAGGCA 10476 UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG 28851 3749 7281 AUGUAGGC A UAGUGGCA 10477 UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852 3757 7273 AUAGUGGC A AAAAAGGA 10478 UCCUUUUU CUGAUGAG GCCGUUAGGC CGAA ICCACUAU 28853 3773 7257 AGUGUUGC C GCUGUUAC 10479 GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28854 3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAC 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856						
3749 7281 AUGUAGGC A UAGUGGCA 10477 UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852 3757 7273 AUAGUGGC A AAAAAGGA 10478 UCCUUUUU CUGAUGAG GCCGUUAGGC CGAA ICCACUAU 28853 3773 7257 AGUGUUGC C GCUGUUAC 10479 GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28854 3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAC 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856						
3757 7273 AUAGUGGC A AAAAAGGA 10478 UCCUUUUU CUGAUGAG GCCGUUAGGC CGAA ICCACUAU 28853 3773 7257 AGUGUUGC C GCUGUUAC 10479 GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28854 3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAC 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856						
3773 7257 AGUGUUGC C GCUGUUAC 10479 GUAACAGC CUGAUGAG GCCGUUAGGC CGAA ICAACACU 28854 3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAC 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856						+
3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAC 28855 3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856						
3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856				+		
3800 7230 AGGGUGAC U UGUCCCCA 10482 UGGGGACA CUGAUGAG GCCGUUAGGC CGAA IUCACCCU 28857						
	3800	7230	AGGGUGAC U UGUCCCCA	10482	UGGGGACA CUGAUGAG GCCGUUAGGC CGAA IUCACCCU	28857

Table IX

				I summing analysis account one care transfer I	
3805	7225	GACUUGUC C CCAGCAUC	10483		28858
3806	7224	ACUUGUCC C CAGCAUCC	10484	GGAUGCUG CUGAUGAG GCCGUUAGGC CGAA IGACAAGU 2	28859
3807	7223	CUUGUCCC C AGCAUCCG	10485	<u></u>	28860
3808	7222	UUGUCCCC A GCAUCCGG	10486	CCGGAUGC CUGAUGAG GCCGUUAGGC CGAA IGGGACAA 2	28861
3811	7219	UCCCCAGC A UCCGGCUG	10487	CAGCCGGA CUGAUGAG GCCGUUAGGC CGAA ICUGGGGA 2	28862
3814	7216	CCAGCAUC C GGCUGCUA	10488	UAGCAGCC CUGAUGAG GCCGUUAGGC CGAA IAUGCUGG 2	28863
3818	7212	CAUCCGGC U GCUAGCAG	10489	CUGCUAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGAUG 2	28864
3821	7209	CCGGCUGC U AGCAGGAG	10490	CUCCUGCU CUGAUGAG GCCGUUAGGC CGAA ICAGCCGG 2	28865
3825	7205	CUGCUAGC A GGAGAGCC	10491	GGCUCUCC CUGAUGAG GCCGUUAGGC CGAA ICUAGCAG	28866
3833	7197	AGGAGAGC C GACACUCC	10492		28867
3837	7193	GAGCCGAC A CUCCAACA	10493		28868
3839	7191	GCCGACAC U CCAACAUC	10494		28869
					
3841	7189	CGACACUC C AACAUCGA	10495		28870
3842	7188	GACACUCC A ACAUCGAC	10496		28871
3845	7185	ACUCCAAC A UCGACGAA	10497		28872
3862	7168	GGGGAAGC C UCGCGCGA	10498		28873
3863	7167	GGGAAGCC U CGCGCGAG	10499	CUCGCGCG CUGAUGAG GCCGUUAGGC CGAA IGCUUCCC 2	28874
3884	7146	AAUAGUGC A CUUGCCUG	10500	CAGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICACUAUU 2	28875
3886	7144	UAGUGCAC U UGCCUGAA	10501	UUCAGGCA CUGAUGAG GCCGUUAGGC CGAA IUGCACUA 2	28876
3890	7140	GCACUUGC C UGAACGUU	10502	AACGUUCA CUGAUGAG GCCGUUAGGC CGAA ICAAGUGC 2	28877
3891	7139	CACUUGCC U GAACGUUU	10503	AAACGUUC CUGAUGAG GCCGUUAGGC CGAA IGCAAGUG 2	28878
3909	7121	UUGAGGUC A AUGAGGUG	10504	CACCUCAU CUGAUGAG GCCGUUAGGC CGAA IACCUCAA	28879
3929	7101	AUGUAAUC U GACGUGAU	10505	AUCACGUC CUGAUGAG GCCGUUAGGC CGAA IAUUACAU	28880
3939	7091	ACGUGAUC A AAUGCUUU	10506		28881
3945	7085	UCAAAUGC U UUAGCAGU	10507		28882
3951	7079	GCUUUAGC A GUGGAGUG	10508		28883
3965	7065	GUGAGGAC C GCUGUUGU	10509		28884
3968	7062	AGGACCGC U GUUGUCAC	10510		28885
3975	7052	CUGUUGUC A CAGCGUAC	10511		
3977	7053	GUUGUCAC A GCGUACAG			28886
			10512	<u> </u>	28887
3984	7046	CAGCGUAC A GUGACCAG	10513		28888
3990	7040	ACAGUGAC C AGGCUGUU	10514		28889
3991	7039	CAGUGACC A GGCUGUUG	10515		28890
3995	7035	GACCAGGC U GUUGCCGG	10516		28891
4001	7029	GCUGUUGC C GGCCUCAA	10517		28892
4005	7025	UUGCCGGC C UCAAGUCC	10518		28893
4006	7024	UGCCGGCC U CAAGUCCA	10519	UGGACUUG CUGAUGAG GCCGUUAGGC CGAA IGCCGGCA 2	28894
4008	7022	CCGGCCUC A AGUCCAAA	10520	UUUGGACU CUGAUGAG GCCGUUAGGC CGAA IAGGCCGG 2	28895
4013	7017	CUCAAGUC C AAAAGAAA	10521	UUUCUUUU CUGAUGAG GCCGUUAGGC CGAA IACUUGAG 2	28896
4014	7016	UCAAGUCC A AAAGAAAC	10522	GUUUCUUU CUGAUGAG GCCGUUAGGC CGAA IGACUUGA 2	28897
4023	7007	AAAGAAAC U CUCCCAUG	10523	CAUGGGAG CUGAUGAG GCCGUUAGGC CGAA IUUUCUUU 2	28898
4025	7005	AGAAACUC U CCCAUGCU	10524	AGCAUGGG CUGAUGAG GCCGUUAGGC CGAA IAGUUUCU 2	28899
4027	7003	AAACUCUC C CAUGCUGA	10525		28900
4028	7002	AACUCUCC C AUGCUGAA	10526		28901
4029	7001	ACUCUCCC A UGCUGAAA	10527		28902
4033	6997	UCCCAUGC U GAAAUUCU	10528		28903
4041	6989	UGAAAUUC U CCUUGACC	10529		28904
4043	6987	AAAUUCUC C UUGACCUC	10530		28905
4044	6986	AAUUCUCC U UGACCUCA	10530		
4049	6981	UCCUUGAC C UCAAUUCU	10531		28906
4050	6980	CCUUGACC U CAAUUCUU	10532		28907
4050					28908
-	6978	UUGACCUC A AUUCUUUG	10534		28909
4057	6973	CUCAAUUC U UUGCCCAA	10535		28910
4062	6968	UUCUUUGC C CAAACAAA	10536		28911
4063	6967	UCUUUGCC C AAACAAAC	10537		28912
4064	6966	CUUUGCCC A AACAAACU	10538		28913
4068	6962	GCCCAAAC A AACUGCUU	10539	AAGCAGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGGGC 2	28914
4072	6958	AAACAAAC U GCUUAUGU	10540	ACAUAAGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUU 2	28915
4075	6955	CAAACUGC U UAUGUCAC	10541	GUGACAUA CUGAUGAG GCCGUUAGGC CGAA ICAGUUUG 2	28916
4082	6948	CUUAUGUC A CUCUUGGU	10542	ACCAAGAG CUGAUGAG GCCGUUAGGC CGAA IACAUAAG 2	28917
4084	6946	UAUGUCAC U CUUGGUCU	10543		28918
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1994 1992 1993 IUDIOGICU U JUNICUAGO 1954 COURDANIA CIGNARIA (COMUNICO) COMA INCONARA 28920 1997 1993 30 JUDIOURIO U ASCCARCO 1954 COURDANIA CIGNARIA (COMUNICO) COMA INCONARA 28921 1941					Table IA	
1933 GIUDIANIC V ASCOANCE 1954 ASTOANCE 1954 GIURIGAE COSQUIAGE COAN TAILARANE 28921	4086	6944	UGUCACUC U UGGUCUUA	10544	UAAGACCA CUGAUGAG GCCGUUAGGC CGAA IAGUGACA	28919
1993 GUIDURIC U NGCCARCE 19547 GUIDURIC U GUARURG CORA HARRAGE 28921		6938	UCUUGGUC U UAUCUAGC	10545	GCUAGAUA CUGAUGAG GCCGUUAGGC CGAA IACCAAGA	28920
1919 UMICUNGO C ANCOCAUC 10547 ANUGOGOU CUANUMA (COCQUIU) 2004 1004			GUCUUAUC U AGCCAACC	10546	GGUUGGCU CUGAUGAG GCCGUUAGGC CGAA IAUAAGAC	28921
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1333 6897	4129	6901	CACUGCGC U CACAAGGG			
CALAGGUC	4131	6899		10558		
Auto	4133	6897	GCGCUCAC A AGGGUCAU	10559		28934
1417 6883	4140	6890	CAAGGGUC A UGACACAA	10560	UUGUGUCA CUGAUGAG GCCGUUAGGC CGAA IACCCUUG	28935
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4298 6732 GUCGCGAC U CCCAAGAC 10592 GUCUUGGG CUGAUGAG GCCGUUAGGC CGAA IUCGCGAC 28967 4300 6730 CGCGACUC C CAAGACAG 10593 CUGUCUUG CUGAUGAG GCCGUUAGGC CGAA IAGUCGC 28968 4301 6729 GCGACUCC C AAGACAGC 10594 GCUGUCU CUGAUGAG GCCGUUAGGC CGAA IGAGUCGC 28969 4302 6728 CGACUCCC A AGACAGCG 10595 CGCUGUCU CUGAUGAG GCCGUUAGGC CGAA IGAGUCG 28970 4307 6723 CCCAAGAC A GCGCCUCC 10596 GGAGGCGC CUGAUGAG GCCGUUAGGC CGAA IUCUUGGG 28971 4312 6718 GACAGCGC C UCCCAAAC 10597 GUUUGGG CUGAUGAG GCCGUUAGGC CGAA ICGCGUGU 28972 4313 6717 ACAGCGCC U CCCAAACC 10598 GGUUUGGG CUGAUGAG GCCGUUAGGC CGAA IGCGCUGU 28973 4315 6715 AGCGCCUC C CAAACCUA 10599 UAGGUUU CUGAUGAG GCCGUUAGGC CGAA IAGGCGCU 28974 4316 6714 GCGCCUCC C AAACCUAU 10600 AUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCG 28975 4317 6713 CGCCUCCC A AACCUAU 10601 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28976	4282		CAUCCAAC A GAAAAAGG	10591	CCUUUUUC CUGAUGAG GCCGUUAGGC CGAA IUUGGAUG	28966
4300 6730 CGCGACUC C CAAGACAG 10593 CUGUCUUG CUGAUGAG GCCGUUAGGC CGAA IAGUCGCG 28968 4301 6729 GCGACUCC C AAGACAGC 10594 GCUGUCUU CUGAUGAG GCCGUUAGGC CGAA IGAGUCGC 28969 4302 6728 CGACUCCC A AGACAGCG 10595 CGCUGUCU CUGAUGAG GCCGUUAGGC CGAA IGGAGUCG 28970 4307 6723 CCCAAGAC A GCGCUCC 10596 GGAGGCGC CUGAUGAG GCCGUUAGGC CGAA IUCUUGGG 28971 4312 6718 GACAGCGC C UCCCAAAC 10597 GUUUGGG CUGAUGAG GCCGUUAGGC CGAA ICGCUGUC 28972 4313 6717 ACAGCGCC U CCCAAACC 10598 GGUUUGGG CUGAUGAG GCCGUUAGGC CGAA IGCGCUGU 28973 4315 6715 AGCGCCUC C CAAACCUA 10599 UAGGUUU CUGAUGAG GCCGUUAGGC CGAA IAGGCGCU 28974 4316 6714 GCGCCUCC C AAACCUAU 10600 AUAGGUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCG 28975 4317 6713 CGCCUCCC A AACCUAUC 10601 GAUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCG 28976 4321 6709 UCCCAAAC C UAUCUUUC 10602 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA 28977 4322 6708 CCCAAACC U AUCUUUC 10603 GGAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGG 28978			GUCGCGAC U CCCAAGAC	10592	GUCUUGGG CUGAUGAG GCCGUUAGGC CGAA IUCGCGAC	28967
4301 6729 GCGACUCC C AAGACAGC 10594 GCUGUCU CUGAUGAG GCCGUUAGGC CGAA IGAGUCGC 28969 4302 6728 CGACUCCC A AGACAGCG 10595 CGCUGUCU CUGAUGAG GCCGUUAGGC CGAA IGGAGUCG 28970 4307 6723 CCCAAGAC A GCGCCUCC 10596 GGAGGCGC CUGAUGAG GCCGUUAGGC CGAA IUCUUGGG 28971 4312 6718 GACAGCGC C UCCCAAAC 10597 GUUUGGGA CUGAUGAG GCCGUUAGGC CGAA ICGCUGUC 28972 4313 6717 ACAGCGCC U CCCAAACC 10598 GGUUUGGG CUGAUGAG GCCGUUAGGC CGAA ICGCUGU 28973 4315 6715 AGCGCCUC C CAAACCUA 10599 UAGGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGCGCU 28974 4316 6714 GCGCCUCC C AAACCUAU 10600 AUAGGUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC 28975 4317 6713 CGCCUCCC A AACCUAUC 10601 GAUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC 28976 4321 6709 UCCCAAAC C UAUCUUUC 10602 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA 28977 4322 6708 CCCAAACC U AUCUUUCC 10603 GGAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28978					<u> </u>	28968
4302 6728 CGACUCCC A AGACAGCG 10595 CGCUGUCU CUGAUGAG GCCGUUAGGC CGAA IGGAGUCG 28970 4307 6723 CCCAAGAC A GCGCCUCC 10596 GGAGGCGC CUGAUGAG GCCGUUAGGC CGAA IUCUUGGG 28971 4312 6718 GACAGCGC C UCCCAAAC 10597 GUUUGGGA CUGAUGAG GCCGUUAGGC CGAA ICGCUGUC 28972 4313 6717 ACAGCGCC U CCCAAACC 10598 GGUUUGGG CUGAUGAG GCCGUUAGGC CGAA IGCGCUGU 28973 4315 6715 AGCGCCUC C CAAACCUA 10599 UAGGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGCGCU 28974 4316 6714 GCGCCUCC C AAACCUAU 10600 AUAGGUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC 28975 4317 6713 CGCCUCCC A AACCUAUC 10601 GAUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC 28976 4321 6709 UCCCAAAC C UAUCUUUC 10602 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA 28977 4322 6708 CCCAAACC U AUCUUUCC 10603 GGAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28978					<u></u>	
4307 6723 CCCAAGAC A GCGCCUCC 10596 GGAGGCGC CUGAUGAG GCCGUUAGGC CGAA IUCUUGGG 28971 4312 6718 GACAGCGC C UCCCAAAC 10597 GUUUGGGA CUGAUGAG GCCGUUAGGC CGAA ICGCUGUC 28972 4313 6717 ACAGCGCC U CCCAAACC 10598 GGUUUGGG CUGAUGAG GCCGUUAGGC CGAA IGCGCUGU 28973 4315 6715 AGCGCCUC C CAAACCUA 10599 UAGGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGCGCU 28974 4316 6714 GCGCCUCC C AAACCUAU 10600 AUAGGUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC 28975 4317 6713 CGCCUCCC A AACCUAUC 10601 GAUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGGAGGCG 28976 4321 6709 UCCCAAAC C UAUCUUUC 10602 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA 28977 4322 6708 CCCAAACC U AUCUUUCC 10603 GGAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28978						
4312 6718 GACAGCGC C UCCCAAAC 10597 GUUUGGGA CUGAUGAG GCCGUUAGGC CGAA ICGCUGUC 28972 4313 6717 ACAGCGCC U CCCAAACC 10598 GGUUUGGG CUGAUGAG GCCGUUAGGC CGAA IGCGCUGU 28973 4315 6715 AGCGCCUC C CAAACCUA 10599 UAGGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGCGCU 28974 4316 6714 GCGCCUCC C AAACCUAU 10600 AUAGGUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC 28975 4317 6713 CGCCUCCC A AACCUAUC 10601 GAUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGGAGGCG 28976 4321 6709 UCCCAAAC C UAUCUUUC 10602 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA 28977 4322 6708 CCCAAACC U AUCUUUCC 10603 GGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28978						 -
4313 6717 ACAGCGCC U CCCAAACC 10598 GGUUUGGG CUGAUGAG GCCGUUAGGC CGAA IGCGCUGU 28973 4315 6715 AGCGCCUC C CAAACCUA 10599 UAGGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGCGCU 28974 4316 6714 GCGCCUCC C AAACCUAU 10600 AUAGGUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC 28975 4317 6713 CGCCUCCC A AACCUAUC 10601 GAUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGGAGGCG 28976 4321 6709 UCCCAAAC C UAUCUUUC 10602 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA 28977 4322 6708 CCCAAACC U AUCUUUCC 10603 GGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28978						
4315 6715 AGCGCCUC C CAAACCUA 10599 UAGGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGCGCU 28974 4316 6714 GCGCCUCC C AAACCUAU 10600 AUAGGUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC 28975 4317 6713 CGCCUCCC A AACCUAUC 10601 GAUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGGAGGCG 28976 4321 6709 UCCCAAAC C UAUCUUUC 10602 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA 28977 4322 6708 CCCAAACC U AUCUUUCC 10603 GGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28978						+
4316 6714 GCGCCUCC C AAACCUAU 10600 AUAGGUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC 28975 4317 6713 CGCCUCCC A AACCUAUC 10601 GAUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGGAGGCG 28976 4321 6709 UCCCAAAC C UAUCUUUC 10602 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA 28977 4322 6708 CCCAAACC U AUCUUUCC 10603 GGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28978						
4317 6713 CGCCUCCC A AACCUAUC 10601 GAUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGGAGGCG 28976 4321 6709 UCCCAAAC C UAUCUUUC 10602 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA 28977 4322 6708 CCCAAACC U AUCUUUCC 10603 GGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28978						+
4321 6709 UCCCAAAC C UAUCUUUC 10602 GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA 28977 4322 6708 CCCAAACC U AUCUUUCC 10603 GGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28978			 	 		
4322 6708 CCCAAACC U AUCUUUCC 10603 GGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG 28978	-					
<u></u>		 				
4326 6704 AACCUAUC U UUCCAAUG 10604 CAUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAUAGGUU 28979						
	4326	6/04	AACCUAUC U UUCCAAUG	10604	CAUUGGAA CUGAUGAG GCCGUUAGGC CGAA LAUAGGUU	28979

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				Table LX	
4330	6700	UAUCUUUC C AAUGCCCU	10605	AGGGCAUU CUGAUGAG GCCGUUAGGC CGAA IAAAGAUA	28980
-	6699	AUCUUUCC A AUGCCCUU	10606	AAGGGCAU CUGAUGAG GCCGUUAGGC CGAA IGAAAGAU	28981
4331			10607	AGCGGAAG CUGAUGAG GCCGUUAGGC CGAA ICAUUGGA	28982
4336	6694	UCCAAUGC C CUUCCGCU		CAGCGGAA CUGAUGAG GCCGUUAGGC CGAA IGCAUUGG	28983
4337	6693	CCAAUGCC C UUCCGCUG	10608		
4338	6692	CAAUGCCC U UCCGCUGC	10609	GCAGCGGA CUGAUGAG GCCGUUAGGC CGAA IGGCAUUG	28984
4341	6689	UGCCCUUC C GCUGCAUG	10610	CAUGCAGC CUGAUGAG GCCGUUAGGC CGAA IAAGGGCA	28985
4344	6686	CCUUCCGC U GCAUGAGG	10611	CCUCAUGC CUGAUGAG GCCGUUAGGC CGAA ICGGAAGG	28986
4347	6683	UCCGCUGC A UGAGGAGG	10612	CCUCCUCA CUGAUGAG GCCGUUAGGC CGAA ICAGCGGA	28987
4364	6666	AAGAAUAC U CCCAUGGU	10613	ACCAUGGG CUGAUGAG GCCGUUAGGC CGAA IUAUUCUU	28988
4366	6664	GAAUACUC C CAUGGUCA	10614	UGACCAUG CUGAUGAG GCCGUUAGGC CGAA IAGUAUUC	28989
4367	6663	AAUACUCC C AUGGUCAU	10615	AUGACCAU CUGAUGAG GCCGUUAGGC CGAA IGAGUAUU	28990
4368	6662	AUACUCCC A UGGUCAUC	10616	GAUGACCA CUGAUGAG GCCGUUAGGC CGAA IGGAGUAU	28991
		CCAUGGUC A UCACACUC	10617	GAGUGUGA CUGAUGAG GCCGUUAGGC CGAA IACCAUGG	28992
4374	6656		10618	AUUGAGUG CUGAUGAG GCCGUUAGGC CGAA IAUGACCA	28993
4377	6653	UGGUCAUC A CACUCAAU			28994
4379	6651	GUCAUCAC A CUCAAUAA	10619		
4381	6649	CAUCACAC U CAAUAAGG	10620	CCUUAUUG CUGAUGAG GCCGUUAGGC CGAA IUGUGAUG	28995
4383	6647	UCACACUC A AUAAGGCA	10621	UGCCUUAU CUGAUGAG GCCGUUAGGC CGAA IAGUGUGA	28996
4391	6639	AAUAAGGC A AUCAAGGC	10622	GCCUUGAU CUGAUGAG GCCGUUAGGC CGAA ICCUUAUU	28997
4395	6635	AGGCAAUC A AGGCAAUU	10623	AAUUGCCU CUGAUGAG GCCGUUAGGC CGAA IAUUGCCU	28998
4400	6630	AUCAAGGC A AUUGUCUG	10624	CAGACAAU CUGAUGAG GCCGUUAGGC CGAA ICCUUGAU	28999
4407	6623	CAAUUGUC U GAAGAGCA	10625	UGCUCUUC CUGAUGAG GCCGUUAGGC CGAA IACAAUUG	29000
4415	6615	UGAAGAGC A UCUGGCAG	10626	CUGCCAGA CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA	29001
4418	6612	AGAGCAUC U GGCAGUUC	10627	GAACUGCC CUGAUGAG GCCGUUAGGC CGAA IAUGCUCU	29002
4422	6608	CAUCUGGC A GUUCCUCC	10628	GGAGGAAC CUGAUGAG GCCGUUAGGC CGAA ICCAGAUG	29003
4427	6603	GGCAGUUC C UCCAGGGC	10629	GCCCUGGA CUGAUGAG GCCGUUAGGC CGAA IAACUGCC	29004
		GCAGUUCC U CCAGGGCC	10630	GGCCCUGG CUGAUGAG GCCGUUAGGC CGAA IGAACUGC	29005
4428	6602			AUGGCCCU CUGAUGAG GCCGUUAGGC CGAA IAGGAACU	29006
4430	6600	AGUUCCUC C AGGGCCAU	10631		29007
4431	6599	GUUCCUCC A GGGCCAUU	10632		
4436	6594	UCCAGGGC C AUUCUGUG	10633	CACAGAAU CUGAUGAG GCCGUUAGGC CGAA ICCCUGGA	29008
4437	6593	CCAGGGCC A UUCUGUGA	10634	UCACAGAA CUGAUGAG GCCGUUAGGC CGAA IGCCCUGG	29009
4441	6589	GGCCAUUC U GUGAGCUC	10635	GAGCUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUGGCC	29010
4448	6582	CUGUGAGC U CUUCCUCC	10636	GGAGGAAG CUGAUGAG GCCGUUAGGC CGAA ICUCACAG	29011
4450	6580	GUGAGCUC U UCCUCCUU	10637	AAGGAGGA CUGAUGAG GCCGUUAGGC CGAA IAGCUCAC	29012
4453	6577	AGCUCUUC C UCCUUUCU	10638	AGAAAGGA CUGAUGAG GCCGUUAGGC CGAA IAAGAGCU	29013
4454	6576	GCUCUUCC U CCUUUCUC	10639	GAGAAAGG CUGAUGAG GCCGUUAGGC CGAA IGAAGAGC	29014
4456	6574	UCUUCCUC C UUUCUCUG	10640	CAGAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAAGA	29015
4457	6573	CUUCCUCC U UUCUCUGC	10641	GCAGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGGAAG	29016
4461	6569	CUCCUUUC U CUGCAGUG	10642	CACUGCAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAG	29017
			10643	GCCACUGC CUGAUGAG GCCGUUAGGC CGAA IAGAAAGG	29018
4463	6567	CCUUUCUC U GCAGUGGC	10644	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA ICAGAGAA	29019
4466	6564	UUCUCUGC A GUGGCCAC	 		
4472	6558	GCAGUGGC C ACAACGUA	10645	UACGUUGU CUGAUGAG GCCGUUAGGC CGAA ICCACUGC	29020
4473	6557	CAGUGGCC A CAACGUAC	10646	GUACGUUG CUGAUGAG GCCGUUAGGC CGAA IGCCACUG	29021
4475	6555	GUGGCCAC A ACGUACAU	10647	AUGUACGU CUGAUGAG GCCGUUAGGC CGAA IUGGCCAC	29022
4482	6548	CAACGUAC A UGGUGUCA	10648	UGACACCA CUGAUGAG GCCGUUAGGC CGAA IUACGUUG	29023
4490	6540	AUGGUGUC A AGUGCUUC	10649		29024
4496	6534	UCAAGUGC U UCCCAUGU	10650	ACAUGGGA CUGAUGAG GCCGUUAGGC CGAA ICACUUGA	29025
4499	6531	AGUGCUUC C CAUGUCUU	10651	AAGACAUG CUGAUGAG GCCGUUAGGC CGAA IAAGCACU	29026
4500	6530	GUGCUUCC C AUGUCUUC	10652	GAAGACAU CUGAUGAG GCCGUUAGGC CGAA IGAAGCAC	29027
4501	6529	UGCUUCCC A UGUCUUCC	10653		29028
4506	6524	CCCAUGUC U UCCCCAUG	10654		29029
4509	6521	AUGUCUUC C CCAUGAAG	10655		29030
4510	6520	UGUCUUCC C CAUGAAGU	10656		29031
					29032
4511	6519	GUCUUCCC C AUGAAGUG	10657	CACUUCAU CUGAUGAG GCCGUUAGGC CGAA IGGAAGAC	
4512	6518	UCUUCCCC A UGAAGUGC	10658	GCACUUCA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGA	29033
4521	6509	UGAAGUGC U CAGGCAUC	10659	GAUGCCUG CUGAUGAG GCCGUUAGGC CGAA ICACUUCA	29034
4523	6507	AAGUGCUC A GGCAUCUU	10660		29035
4527	6503	GCUCAGGC A UCUUUCCC	10661		29036
4530	6500	CAGGCAUC U UUCCCAGA	10662	UCUGGGAA CUGAUGAG GCCGUUAGGC CGAA IAUGCCUG	29037
4534	6496	CAUCUUUC C CAGAACCU	10663	AGGUUCUG CUGAUGAG GCCGUUAGGC CGAA IAAAGAUG	29038
4535	6495	AUCUUUCC C AGAACCUC	10664		29039
4536	6494	UCUUUCCC A GAACCUCA	10665		29040

			10000	CONTRACTOR CUCATIONS COCCUTANCES CON THE COCCU	20042
4541	6489	CCCAGAAC C UCAAUGAG	10666	CUCAUUGA CUGAUGAG GCCGUUAGGC CGAA IUUCUGGG	29041
4542	6488	CCAGAACC U CAAUGAGC	10667	GCUCAUUG CUGAUGAG GCCGUUAGGC CGAA IGUUCUGG	29042
4544	6486	AGAACCUC A AUGAGCCC	10668	GGGCUCAU CUGAUGAG GCCGUUAGGC CGAA IAGGUUCU	29043
4551	6479	CAAUGAGC C CUAUCUGA	10669	UCAGAUAG CUGAUGAG GCCGUUAGGC CGAA ICUCAUUG	29044
4552	6478	AAUGAGCC C UAUCUGAG	10670	CUCAGAUA CUGAUGAG GCCGUUAGGC CGAA IGCUCAUU	29045
4553	6477	AUGAGCCC U AUCUGAGA	10671	UCUCAGAU CUGAUGAG GCCGUUAGGC CGAA IGGCUCAU	29046
4557	6473	GCCCUAUC U GAGAACGU	10672	ACGUUCUC CUGAUGAG GCCGUUAGGC CGAA IAUAGGGC	29047
4570	6460	ACGUUUUC C CGAGGCGA	10673	UCGCCUCG CUGAUGAG GCCGUUAGGC CGAA IAAAACGU	29048
4571	6459	CGUUUUCC C GAGGCGAA	10674	UUCGCCUC CUGAUGAG GCCGUUAGGC CGAA IGAAAACG	29049
4583	6447	GCGAAGUC C UUGAACGC	10675	GCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IACUUCGC	29050
4584	6446	CGAAGUCC U UGAACGCC	10676	GGCGUUCA CUGAUGAG GCCGUUAGGC CGAA IGACUUCG	29051
4592	6438	UUGAACGC C UUUAGUGC	10677	GCACUAAA CUGAUGAG GCCGUUAGGC CGAA ICGUUCAA	29052
		UGAACGCC U UUAGUGCC	10678	GGCACUAA CUGAUGAG GCCGUUAGGC CGAA IGCGUUCA	29053
4593	6437		10679	GAUCACCA CUGAUGAG GCCGUUAGGC CGAA ICACUAAA	29054
4601	6429	UUUAGUGC C UGGUGAUC			29055
4602	6428	UUAGUGCC U GGUGAUCC	10680	GGAUCACC CUGAUGAG GCCGUUAGGC CGAA IGCACUAA	——
4610	6420	UGGUGAUC C GAGUACAC	10681	GUGUACUC CUGAUGAG GCCGUUAGGC CGAA IAUCACCA	29056
4617	6413	CCGAGUAC A CCCUGGCG	10682	CGCCAGGG CUGAUGAG GCCGUUAGGC CGAA IUACUCGG	29057
4619	6411	GAGUACAC C CUGGCGUC	10683	GACGCCAG CUGAUGAG GCCGUUAGGC CGAA IUGUACUC	29058
4620	6410	AGUACACC C UGGCGUCA	10684	UGACGCCA CUGAUGAG GCCGUUAGGC CGAA IGUGUACU	29059
4621	6409	GUACACCC U GGCGUCAA	10685	UUGACGCC CUGAUGAG GCCGUUAGGC CGAA IGGUGUAC	29060
4628	6402	CUGGCGUC A AUCCAGCG	10686	CGCUGGAU CUGAUGAG GCCGUUAGGC CGAA IACGCCAG	29061
4632	6398	CGUCAAUC C AGCGCGGC	10687	GCCGCGCU CUGAUGAG GCCGUUAGGC CGAA IAUUGACG	29062
4633	6397	GUCAAUCC A GCGCGGCC	10688	GGCCGCGC CUGAUGAG GCCGUUAGGC CGAA IGAUUGAC	29063
4641	6389	AGCGCGGC C UCAGAAUC	10689	GAUUCUGA CUGAUGAG GCCGUUAGGC CGAA ICCGCGCU	29064
4642	6388	GCGCGGCC U CAGAAUCU	10690	AGAUUCUG CUGAUGAG GCCGUUAGGC CGAA IGCCGCGC	29065
4644	6386	GCGGCCUC A GAAUCUUC	10691	GAAGAUUC CUGAUGAG GCCGUUAGGC CGAA IAGGCCGC	29066
4650	6380	UCAGAAUC U UCCUUUCA	10692	UGAAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGA	29067
4653	6377	GAAUCUUC C UUUCACCA	10693	UGGUGAAA CUGAUGAG GCCGUUAGGC CGAA IAAGAUUC	29068
4654	6376	AAUCUUCC U UUCACCAA	10694	UUGGUGAA CUGAUGAG GCCGUUAGGC CGAA IGAAGAUU	29069
		UUCCUUUC A CCAAGCUU	10695	AAGCUUGG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAA	29070
4658	6372			CGAAGCUU CUGAUGAG GCCGUUAGGC CGAA IUGAAAGG	29071
4660	6370	CCUUUCAC C AAGCUUCG	10696	ACGAAGCU CUGAUGAG GCCGUUAGGC CGAA IGUGAAAG	29072
4661	6369	CUUUCACC A AGCUUCGU	10697		
4665	6365	CACCAAGC U UCGUGAUG	10698	CAUCACGA CUGAUGAG GCCGUUAGGC CGAA ICUUGGUG	29073
4676	6354	GUGAUGAC U UCCACUUC	10699	GAAGUGGA CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	29074
4679	6351	AUGACUUC C ACUUCGUU	10700	AACGAAGU CUGAUGAG GCCGUUAGGC CGAA IAAGUCAU	29075
4680	6350	UGACUUCC A CUUCGUUG	10701	CAACGAAG CUGAUGAG GCCGUUAGGC CGAA IGAAGUCA	29076
4682	6348	ACUUCCAC U UCGUUGUU	10702	AACAACGA CUGAUGAG GCCGUUAGGC CGAA IUGGAAGU	29077
4694	6336	UUGUUGUC U UCUAAAAU	10703	AUUUUAGA CUGAUGAG GCCGUUAGGC CGAA IACAACAA	29078
4697	6333	UUGUCUUC U AAAAUUGU	10704	ACAAUUUU CUGAUGAG GCCGUUAGGC CGAA IAAGACAA	29079
4713	6317	UGUUUGUC C UAGGACCA	10705	UGGUCCUA CUGAUGAG GCCGUUAGGC CGAA IACAAACA	29080
4714	6316	GUUUGUCC U AGGACCAU	10706	AUGGUCCU CUGAUGAG GCCGUUAGGC CGAA IGACAAAC	29081
4720	6310	CCUAGGAC C AUCAAAGC	10707	GCUUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCCUAGG	29082
4721	6309	CUAGGACC A UCAAAGCA	10708	UGCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCCUAG	29083
4724	6306	GGACCAUC A AAGCACCA	10709		29084
4729	6301	AUCAAAGC A CCACCUCC	10710		29085
4731	6299	CAAAGCAC C ACCUCCGG		CCGGAGGU CUGAUGAG GCCGUUAGGC CGAA IUGCUUUG	29086
4732	6298	AAAGCACC A CCUCCGGU	10712	ACCGGAGG CUGAUGAG GCCGUUAGGC CGAA IGUGCUUU	29087
4734	6296	AGCACCAC C UCCGGUCG	10713	CGACCGGA CUGAUGAG GCCGUUAGGC CGAA IUGGUGCU	29088
4735	6295	GCACCACC U CCGGUCGU	10714		29089
		ACCACCUC C GGUCGUGG	10715		29090
4737	6293			GGCUGGAG CUGAUGAG GCCGUUAGGC CGAA IAGGGGGG	29091
4752	6278	GGUAUGAC A CUCCAGCC	10716		
4754	6276	UAUGACAC U CCAGCCGC	+		29092
4756	6274	UGACACUC C AGCCGCUG		CAGCGGCU CUGAUGAG GCCGUUAGGC CGAA IAGUGUCA	29093
4757	6273	GACACUCC A GCCGCUGC			29094
4760	6270	ACUCCAGC C GCUGCAAC	10720	GUUGCAGC CUGAUGAG GCCGUUAGGC CGAA ICUGGAGU	29095
4763	6267	CCAGCCGC U GCAACCUU	10721		29096
4766	6264	GCCGCUGC A ACCUUGUA	10722	UACAAGGU CUGAUGAG GCCGUUAGGC CGAA ICAGCGGC	29097
4769	6261	GCUGCAAC C UUGUAAGC	10723	GCUUACAA CUGAUGAG GCCGUUAGGC CGAA IUUGCAGC	29098
4770	6260	CUGCAACC U UGUAAGCC	10724	GGCUUACA CUGAUGAG GCCGUUAGGC CGAA IGUUGCAG	29099
4778	6252	UUGUAAGC C AGCCAAAC	10725	GUUUGGCU CUGAUGAG GCCGUUAGGC CGAA ICUUACAA	29100
4779	6251	UGUAAGCC A GCCAAACU	10726	AGUUUGGC CUGAUGAG GCCGUUAGGC CGAA IGCUUACA	29101
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4782	6248	AAGCCAGC C AAACUGGC	10727	GCCAGUUU CUGAUGAG GCCGUUAGGC CGAA ICUGGCUU	29102
4783	6247	AGCCAGCC A AACUGGCA	10728	UGCCAGUU CUGAUGAG GCCGUUAGGC CGAA IGCUGGCU	29103
-	6243	AGCCAAAC U GGCAGAUC	10729	GAUCUGCC CUGAUGAG GCCGUUAGGC CGAA IUUUGGCU	29104
4787		AAACUGGC A GAUCUGCA	10730	UGCAGAUC CUGAUGAG GCCGUUAGGC CGAA ICCAGUUU	29105
4791	6239	GGCAGAUC U GCAGUCCU	10731	AGGACUGC CUGAUGAG GCCGUUAGGC CGAA IAUCUGCC	29106
4796	6234			UUGAGGAC CUGAUGAG GCCGUUAGGC CGAA ICAGAUCU	29107
4799	6231	AGAUCUGC A GUCCUCAA	10732	ACUGUUGA CUGAUGAG GCCGUUAGGC CGAA IACUGCAG	29108
4803	6227	CUGCAGUC C UCAACAGU	10733		
4804	6226	UGCAGUCC U CAACAGUU	10734	AACUGUUG CUGAUGAG GCCGUUAGGC CGAA IGACUGCA	29109
4806	6224	CAGUCCUC A ACAGUUCC	10735	GGAACUGU CUGAUGAG GCCGUUAGGC CGAA IAGGACUG	29110
4809	6221	UCCUCAAC A GUUCCAGA	10736	UCUGGAAC CUGAUGAG GCCGUUAGGC CGAA IUUGAGGA	29111
4814	6216	AACAGUUC C AGAAAGUU	10737	AACUUUCU CUGAUGAG GCCGUUAGGC CGAA IAACUGUU	29112
4815	6215	ACAGUUCC A GAAAGUUU	10738	AAACUUUC CUGAUGAG GCCGUUAGGC CGAA IGAACUGU	29113
4828	6202	GUUUUUUC U CUCUUCUC	10739	GAGAAGAG CUGAUGAG GCCGUUAGGC CGAA IAAAAAAC	29114
4830	6200	טטטטטכטכ ט כטטכטככט	10740	AGGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGAAAAA	29115
4832	6198	UUUCUCUC U UCUCCUCU	10741	AGAGGAGA CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA	29116
4835	6195	CUCUCUUC U CCUCUGAG	10742	CUCAGAGG CUGAUGAG GCCGUUAGGC CGAA IAAGAGAG	29117
4837	6193	CUCUUCUC C UCUGAGCC	10743	GGCUCAGA CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG	29118
	6192	UCUUCUCC U CUGAGCCG	10744	CGGCUCAG CUGAUGAG GCCGUUAGGC CGAA IGAGAAGA	29119
4838		UUCUCCUC U GAGCCGGU	10745	ACCGGCUC CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	29120
4840	6190	CUCUGAGC C GGUAUUCC	10746	GGAAUACC CUGAUGAG GCCGUUAGGC CGAA ICUCAGAG	29121
4845	6185		10747	AUGGAUGG CUGAUGAG GCCGUUAGGC CGAA IAAUACCG	29122
4853	6177	CGGUAUUC C CCAUCCAU		CAUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGAAUACC	29123
4854	6176	GGUAUUCC C CAUCCAUG	10748		29124
4855	6175	GUAUUCCC C AUCCAUGG	10749		29125
4856	6174	UAUUCCCC A UCCAUGGU	10750		
4859	6171	UCCCCAUC C AUGGUAUA	10751	UAUACCAU CUGAUGAG GCCGUUAGGC CGAA IAUGGGGA	29126
4860	6170	CCCCAUCC A UGGUAUAU	10752	AUAUACCA CUGAUGAG GCCGUUAGGC CGAA IGAUGGGG	29127
4871	6159	GUAUAUAC C UUCUCACG	10753	CGUGAGAA CUGAUGAG GCCGUUAGGC CGAA IUAUAUAC	29128
4872	6158	UAUAUACC U UCUCACGC	10754	GCGUGAGA CUGAUGAG GCCGUUAGGC CGAA IGUAUAUA	29129
4875	6155	AUACCUUC U CACGCUCU	10755	AGAGCGUG CUGAUGAG GCCGUUAGGC CGAA IAAGGUAU	29130
4877	6153	ACCUUCUC A CGCUCUGG	10756	CCAGAGCG CUGAUGAG GCCGUUAGGC CGAA IAGAAGGU	29131
4881	6149	UCUCACGC U CUGGUUGG	10757	CCAACCAG CUGAUGAG GCCGUUAGGC CGAA ICGUGAGA	29132
4883	6147	UCACGCUC U GGUUGGUA	10758	UACCAACC CUGAUGAG GCCGUUAGGC CGAA IAGCGUGA	29133
4905	6125	GAGCGAUC A GUCCGUUU	10759	AAACGGAC CUGAUGAG GCCGUUAGGC CGAA IAUCGCUC	29134
4909	6121	GAUCAGUC C GUUUGGCA	10760	UGCCAAAC CUGAUGAG GCCGUUAGGC CGAA IACUGAUC	29135
4917	6113	CGUUUGGC A UGUUGAUG	10761	CAUCAACA CUGAUGAG GCCGUUAGGC CGAA ICCAAACG	29136
4931	6099	AUGUUGUC C AGCAUGAU	10762	AUCAUGCU CUGAUGAG GCCGUUAGGC CGAA IACAACAU	29137
4932	6098	UGUUGUCC A GCAUGAUU	10763	AAUCAUGC CUGAUGAG GCCGUUAGGC CGAA IGACAACA	29138
4935	6095	UGUCCAGC A UGAUUCGU	10764	ACGAAUCA CUGAUGAG GCCGUUAGGC CGAA ICUGGACA	29139
4946	6084	AUUCGUGC C UCAGUCCA	10765	UGGACUGA CUGAUGAG GCCGUUAGGC CGAA ICACGAAU	29140
4947	6083	UUCGUGCC U CAGUCCAA	10766	UUGGACUG CUGAUGAG GCCGUUAGGC CGAA IGCACGAA	29141
4949	6081	CGUGCCUC A GUCCAAUG	10767	CAUUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGCACG	29142
	6077	CCUCAGUC C AAUGGGCG	10768	CGCCCAUU CUGAUGAG GCCGUUAGGC CGAA IACUGAGG	29143
4953		CUCAGUCC A AUGGGCGA	10769		29144
4954	6076	GAGUCGUC U UCAUUCGU	10770		29145
4976	6054			CACACGAA CUGAUGAG GCCGUUAGGC CGAA IAAGACGA	29146
4979	6051	UCGUCUUC A UUCGUGUG	10771	UUAUGGGG CUGAUGAG GCCGUUAGGC CGAA ICACACGA	29147
4989	6041	UCGUGUGC C CCCCAUAA	10772	GUUAUGGG CUGAUGAG GCCGUUAGGC CGAA ICACACG	29148
4990	6040	CGUGUGCC C CCCAUAAC	10773		29149
4991	6039	GUGUGCCC C CCAUAACA	10774	UGUUAUGG CUGAUGAG GCCGUUAGGC CGAA IGGCACAC	
4992		UGUGCCCC C CAUAACAG	10775	CUGUUAUG CUGAUGAG GCCGUUAGGC CGAA IGGGCACA	29150
4993		GUGCCCCC C AUAACAGU	10776		29151
4994	6036	UGCCCCCC A UAACAGUA	10777	UACUGUUA CUGAUGAG GCCGUUAGGC CGAA IGGGGGCA	29152
4999	6031	CCCAUAAC A GUACUCAU	10778	AUGAGUAC CUGAUGAG GCCGUUAGGC CGAA IUUAUGGG	29153
5004	6026	AACAGUAC U CAUCACCA	10779		29154
5006	6024	CAGUACUC A UCACCAAC	10780		29155
5009	6021	UACUCAUC A CCAACUUG	10781		29156
5011		CUCAUCAC C AACUUGCG	10782	CGCAAGUU CUGAUGAG GCCGUUAGGC CGAA IUGAUGAG	29157
5012		UCAUCACC A ACUUGCGA	10783		29158
5015		UCACCAAC U UGCGACGG	10784	CCGUCGCA CUGAUGAG GCCGUUAGGC CGAA IUUGGUGA	29159
5029	6001	CGGAUUUC U ACCGAUAC	10785		29160
5032		AUUUCUAC C GAUACGUC		 	29161
5041		GAUACGUC C ACGUCUCU	10787		29162
7647	1 3303	1 37072000 0 750000000	1-0,0,		<u> </u>

Table IX

				Table LA	
5042	5988	AUACGUCC A CGUCUCUG	10788	CAGAGACG CUGAUGAG GCCGUUAGGC CGAA IGACGUAU	29163
5047	5983	UCCACGUC U CUGGGCGG	10789	CCGCCCAG CUGAUGAG GCCGUUAGGC CGAA IACGUGGA	29164
5049	5981	CACGUCUC U GGGCGGCA	10790	UGCCGCCC CUGAUGAG GCCGUUAGGC CGAA IAGACGUG	29165
5057	5973	UGGGCGGC A CUAGCUGC	10791	GCAGCUAG CUGAUGAG GCCGUUAGGC CGAA ICCGCCCA	29166
	5971	GGCGGCAC U AGCUGCUG	10792	CAGCAGCU CUGAUGAG GCCGUUAGGC CGAA IUGCCGCC	29167
5059		GCACUAGC U GCUGUCAC	10793	GUGACAGC CUGAUGAG GCCGUUAGGC CGAA ICUAGUGC	29168
5063	5967			GCAGUGAC CUGAUGAG GCCGUUAGGC CGAA ICAGCUAG	29169
5066	5964	CUAGCUGC U GUCACUGC	10794		
5070	5960	CUGCUGUC A CUGCAGAU	10795	AUCUGCAG CUGAUGAG GCCGUUAGGC CGAA IACAGCAG	29170
5072	5958	GCUGUCAC U GCAGAUGG	10796	CCAUCUGC CUGAUGAG GCCGUUAGGC CGAA IUGACAGC	29171
5075	5955	GUCACUGC A GAUGGUUC	10797	GAACCAUC CUGAUGAG GCCGUUAGGC CGAA ICAGUGAC	29172
5084	5946	GAUGGUUC U CCCAGGAU	10798	AUCCUGGG CUGAUGAG GCCGUUAGGC CGAA IAACCAUC	29173
5086	5944	UGGUUCUC C CAGGAUCA	10799	UGAUCCUG CUGAUGAG GCCGUUAGGC CGAA IAGAACCA	29174
5087	5943	GGUUCUCC C AGGAUCAC	10800	GUGAUCCU CUGAUGAG GCCGUUAGGC CGAA IGAGAACC	29175
5088	5942	GUUCUCCC A GGAUCACU	10801	AGUGAUCC CUGAUGAG GCCGUUAGGC CGAA IGGAGAAC	29176
5094	5936	CCAGGAUC A CUCUCCCU	10802	AGGGAGAG CUGAUGAG GCCGUUAGGC CGAA IAUCCUGG	29177
5096	5934	AGGAUCAC U CUCCCUUC	10803	GAAGGGAG CUGAUGAG GCCGUUAGGC CGAA IUGAUCCU	29178
5098	.5932	GAUCACUC U CCCUUCUC	10804	GAGAAGGG CUGAUGAG GCCGUUAGGC CGAA IAGUGAUC	29179
5100	5930	UCACUCUC C CUUCUCCU	10805	AGGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGAGUGA	29180
5100	5929	CACUCUCC C UUCUCCUU	10806	AAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGAGUG	29181
		ACUCUCCC U UCUCCUUC	10807	GAAGGAGA CUGAUGAG GCCGUUAGGC CGAA IGGAGAGU	29182
5102	5928		10807	ACAGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAGGGAG	29183
5105	5925	CUCCCUUC U CCUUCUGU			29184
5107	5923	CCCUUCUC C UUCUGUUA	10809		
5108	5922	CCUUCUCC U UCUGUUAU	10810	AUAACAGA CUGAUGAG GCCGUUAGGC CGAA IGAGAAGG	29185
5111	5919	UCUCCUUC U GUUAUGAU	10811	AUCAUAAC CUGAUGAG GCCGUUAGGC CGAA IAAGGAGA	29186
5130	5900	UUGGUUUC A CACUCUUC	10812	GAAGAGUG CUGAUGAG GCCGUUAGGC CGAA IAAACCAA	29187
5132	5898	GGUUUCAC A CUCUUCCG	10813	CGGAAGAG CUGAUGAG GCCGUUAGGC CGAA IUGAAACC	29188
5134	5896	UUUCACAC U CUUCCGGC	10814	GCCGGAAG CUGAUGAG GCCGUUAGGC CGAA IUGUGAAA	29189
5136	5894	UCACACUC U UCCGGCUG	10815	CAGCCGGA CUGAUGAG GCCGUUAGGC CGAA IAGUGUGA	29190
5139	5891	CACUCUUC C GGCUGUCA	10816	UGACAGCC CUGAUGAG GCCGUUAGGC CGAA IAAGAGUG	29191
5143	5887	CUUCCGGC U GUCAAUCA	10817	UGAUUGAC CUGAUGAG GCCGUUAGGC CGAA ICCGGAAG	29192
5147	5883	CGGCUGUC A AUCACCCU	10818	AGGGUGAU CUGAUGAG GCCGUUAGGC CGAA IACAGCCG	29193
5151	5879	UGUCAAUC A CCCUGCUC	10819	GAGCAGGG CUGAUGAG GCCGUUAGGC CGAA IAUUGACA	29194
5153	5877	UCAAUCAC C CUGCUCGC	10820	GCGAGCAG CUGAUGAG GCCGUUAGGC CGAA IUGAUUGA	29195
5154	5876	CAAUCACC C UGCUCGCC	10821	GGCGAGCA CUGAUGAG GCCGUUAGGC CGAA IGUGAUUG	29196
5155	5875	AAUCACCC U GCUCGCCU	10822	AGGCGAGC CUGAUGAG GCCGUUAGGC CGAA IGGUGAUU	29197
5158	5872	CACCCUGC U CGCCUUGA	10823	UCAAGGCG CUGAUGAG GCCGUUAGGC CGAA ICAGGGUG	29198
	5868	CUGCUCGC C UUGAAGUU	10824	AACUUCAA CUGAUGAG GCCGUUAGGC CGAA ICGAGCAG	29199
5162		UGCUCGCC U UGAAGUUA	10825	UAACUUCA CUGAUGAG GCCGUUAGGC CGAA IGCGAGCA	29200
5163	5867			GAAAUGGG CUGAUGAG GCCGUUAGGC CGAA ICUAACUU	29201
5174	5856		10826		29202
5175	5855	AGUUAGCC C CCAUUUCA	10827	UGAAAUGG CUGAUGAG GCCGUUAGGC CGAA IGCUAACU	
5176	5854	GUUAGCCC C CAUUUCAG	10828	CUGAAAUG CUGAUGAG GCCGUUAGGC CGAA IGGCUAAC	29203
5177	5853	UUAGCCCC C AUUUCAGA	10829	UCUGAAAU CUGAUGAG GCCGUUAGGC CGAA IGGGCUAA	29204
5178	5852	UAGCCCCC A UUUCAGAU	10830	AUCUGAAA CUGAUGAG GCCGUUAGGC CGAA IGGGGCUA	29205
5183	5847	CCCAUUUC A GAUAUGUC	10831	GACAUAUC CUGAUGAG GCCGUUAGGC CGAA IAAAUGGG	29206
5192	5838	GAUAUGUC U GUUGUGAU	10832	AUCACAAC CUGAUGAG GCCGUUAGGC CGAA IACAUAUC	29207
5204	5826	GUGAUAAC A AAGUCCCA	10833	UGGGACUU CUGAUGAG GCCGUUAGGC CGAA IUUAUCAC	29208
5210	5820	ACAAAGUC C CAAUCAUC	10834	GAUGAUUG CUGAUGAG GCCGUUAGGC CGAA IACUUUGU	29209
5211	5819	CAAAGUCC C AAUCAUCG	10835	CGAUGAUU CUGAUGAG GCCGUUAGGC CGAA IGACUUUG	29210
5212	5818	AAAGUCCC A AUCAUCGU	10836	ACGAUGAU CUGAUGAG GCCGUUAGGC CGAA IGGACUUU	29211
5216	5814	UCCCAAUC A UCGUUCUU	10837	AAGAACGA CUGAUGAG GCCGUUAGGC CGAA IAUUGGGA	29212
5223	5807	CAUCGUUC U UACAUUUU	10838	AAAAUGUA CUGAUGAG GCCGUUAGGC CGAA IAACGAUG	29213
5227	5803	GUUCUUAC A UUUUGGGU	10839	ACCCAAAA CUGAUGAG GCCGUUAGGC CGAA IUAAGAAC	29214
5238	5792	UUGGGUAC U CCGUCUCG	10840	CGAGACGG CUGAUGAG GCCGUUAGGC CGAA IUACCCAA	29215
5240	5790	GGGUACUC C GUCUCGUA	10841	UACGAGAC CUGAUGAG GCCGUUAGGC CGAA IAGUACCC	29216
		ACUCCGUC U CGUACGAC	10841	GUCGUACG CUGAUGAG GCCGUUAGGC CGAA IACGGAGU	29217
5244	5786				└
5253	5777	CGUACGAC U UUCUGUUC	10843	GAACAGAA CUGAUGAG GCCGUUAGGC CGAA IUCGUACG	29218
5257	5773	CGACUUUC U GUUCAAUU	10844	AAUUGAAC CUGAUGAG GCCGUUAGGC CGAA IAAAGUCG	29219
5262	5768	UUCUGUUC A AUUGGACU	10845	AGUCCAAU CUGAUGAG GCCGUUAGGC CGAA IAACAGAA	29220
5270	5760	AAUUGGAC U ACUUUCUU	10846	AAGAAAGU CUGAUGAG GCCGUUAGGC CGAA IUCCAAUU	29221
5273	5757	UGGACUAC U UUCUUUCC	10847	GGAAAGAA CUGAUGAG GCCGUUAGGC CGAA IUAGUCCA	29222
5277	5753	CUACUUUC U UUCCAGCA	10848	UGCUGGAA CUGAUGAG GCCGUUAGGC CGAA IAAAGUAG	29223
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5281	5749	UUUCUUUC C AGCACGUU	10849		29224
5282	5748	UUCUUUCC A GCACGUUG	10850	CAACGUGC CUGAUGAG GCCGUUAGGC CGAA IGAAAGAA	29225
5285	5745	UUUCCAGC A CGUUGUAG	10851	CUACAACG CUGAUGAG GCCGUUAGGC CGAA ICUGGAAA	29226
5296	5734	UUGUAGGC A AAGGGCAA	10852	UUGCCCUU CUGAUGAG GCCGUUAGGC CGAA ICCUACAA	29227
5303	5727	CAAAGGGC A AUCUCAUU	10853	AAUGAGAU CUGAUGAG GCCGUUAGGC CGAA ICCCUUUG	29228
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5309	5721	GCAAUCUC A UUCCCCAU	10855	AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA IAGAUUGC	29230
5313	5717	UCUCAUUC C CCAUCUUG	10856		29231
		CUCAUUCC C CAUCUUGA	10857		29232
5314	5716	UCAUUCCC C AUCUUGAC	10858		29233
5315	5715				29234
5316	5714	CAUUCCCC A UCUUGACA	10859		
5319	5711	UCCCCAUC U UGACACUA	10860		29235
5324	5706	AUCUUGAC A CUAGGCAC	10861		29236
5326	5704	CUUGACAC U AGGCACAA	10862		29237
5331	5699	CACUAGGC A CAAACCAA	10863		29238
5333	5697	CUAGGCAC A AACCAAAC	10864		29239
5337	5693	GCACAAAC C AAACCGUC	10865	GACGGUUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUGC	29240
5338	5692	CACAAACC A AACCGUCU	10866	AGACGGUU CUGAUGAG GCCGUUAGGC CGAA IGUUUGUG	29241
5342	5688	AACCAAAC C GUCUUCCC	10867	. GGGAAGAC CUGAUGAG GCCGUUAGGC CGAA IUUUGGUU	29242
5346	5684	AAACCGUC U UCCCGGUG	10868	CACCGGGA CUGAUGAG GCCGUUAGGC CGAA IACGGUUU	29243
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5350	5680	CGUCUUCC C GGUGUAUU	10870	AAUACACC CUGAUGAG GCCGUUAGGC CGAA IGAAGACG	29245
5360	5670	GUGUAUUC U GUGAUCCA	10871	UGGAUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUACAC	29246
5367	5663	CUGUGAUC C AUUCGUAU	10872		29247
5368	5662	UGUGAUCC A UUCGUAUC	10873		29248
5377	5653	UUCGUAUC C AGAGUUCC	10874		29249
		UCGUAUCC A GAGUUCCA	10875		29250
5378	5652		10875		29251
5385	5645	CAGAGUUC C AAGCUCGA			29252
5386	5644	AGAGUUCC A AGCUCGAU	10877		
5390	5640	UUCCAAGC U CGAUCCGG	10878		29253
5396	5634	GCUCGAUC C GGGAUCUC	10879		29254
5403	5627	CCGGGAUC U CAGUCUGU	10880		29255
5405	5625	GGGAUCUC A GUCUGUAA	10881		29256
5409	5621	UCUCAGUC U GUAAGUCG	10882		29257
5436	5594	AAUUGGAC U CUGGGAAU	10883		29258
5438	5592	UUGGACUC U GGGAAUGG	10884	CCAUUCCC CUGAUGAG GCCGUUAGGC CGAA IAGUCCAA	29259
5450	5580	AAUGGAUC U GAAGUGCC	10885	GGCACUUC CUGAUGAG GCCGUUAGGC CGAA IAUCCAUU	29260
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5459	5571	GAAGUGCC U GGUGGGGU	10887	ACCCCACC CUGAUGAG GCCGUUAGGC CGAA IGCACUUC	29262
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5475	5555	UGGCUGUC A UGAAUAUU	10889	AAUAUUCA CUGAUGAG GCCGUUAGGC CGAA IACAGCCA	29264
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5492	5538	GCCGCCGC C UCCCCUAG	10892		29267
5493	5537	CCGCCGCC U CCCCUAGC			29268
5495	5535	GCCGCCUC C CCUAGCUC	10894	· · · · · · · · · · · · · · · · · · ·	29269
5496	5534	CCGCCUCC C CUAGCUCG	10895		29270
5497	5533	CGCCUCCC C UAGCUCGA	10896		29271
5498	5532	GCCUCCCC U AGCUCGAC	10897		29272
5502	5528	CCCCUAGC U CGACCUUU	10898	<u> </u>	29273
5507		AGCUCGAC C UUUGUGGA	10899		29274
	5523				29275
5508	5522	GCUCGACC U UUGUGGAA	10900		
5524	5506	AAUGUAAC C UCUUGCUG	10901		29276
5525	5505	AUGUAACC U CUUGCUGC	10902		29277
5527	5503	GUAACCUC U UGCUGCAA	10903		29278
5531	5499	CCUCUUGC U GCAAUGCU	10904		29279
5534	5496	CUUGCUGC A AUGCUAGC	10905		29280
5539	5491	UGCAAUGC U AGCUGGGU	10906		29281
5543	5487	AUGCUAGC U GGGUCGGU	10907		29282
5561	5469	AAAUGAGC C UCAUCCAU	10908		29283
5562	5468	AAUGAGCC U CAUCCAUC	10909	GAUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGCUCAUU	29284

5564	5466	UGAGCCUC A UCCAUCAC	10910	GUGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAGGCUCA	29285
5567	5463	GCCUCAUC C AUCACGAA	10911	UUCGUGAU CUGAUGAG GCCGUUAGGC CGAA IAUGAGGC	29286
5568	5462	CCUCAUCC A UCACGAAC	10912	GUUCGUGA CUGAUGAG GCCGUUAGGC CGAA IGAUGAGG	29287
5571	5459	CAUCCAUC A CGAACAGG	10913	CCUGUUCG CUGAUGAG GCCGUUAGGC CGAA IAUGGAUG	29288
5577	5453	UCACGAAC A GGUUGUAG	10914	CUACAACC CUGAUGAG GCCGUUAGGC CGAA IUUCGUGA	29289
5592	5438	AGUUCGGC A CCCUGUGA	10915	UCACAGGG CUGAUGAG GCCGUUAGGC CGAA ICCGAACU	29290
5594	5436	UUCGGCAC C CUGUGAGG	10916	CCUCACAG CUGAUGAG GCCGUUAGGC CGAA IUGCCGAA	29291
5595	5435	UCGGCACC C UGUGAGGA	10917	UCCUCACA CUGAUGAG GCCGUUAGGC CGAA IGUGCCGA	29292
5596	5434	CGGCACCC U GUGAGGAG	10918	CUCCUCAC CUGAUGAG GCCGUUAGGC CGAA IGGUGCCG	29293
5607	5423	GAGGAGAC A UCAGCCUG	10919	CAGGCUGA CUGAUGAG GCCGUUAGGC CGAA IUCUCCUC	29294
5610	5420	GAGACAUC A GCCUGUGG	10920	CCACAGGC CUGAUGAG GCCGUUAGGC CGAA IAUGUCUC	29295
5613	5417	ACAUCAGC C UGUGGGUG	10921	CACCCACA CUGAUGAG GCCGUUAGGC CGAA ICUGAUGU	29296
5614	5416	CAUCAGCC U GUGGGUGA	10922	UCACCCAC CUGAUGAG GCCGUUAGGC CGAA IGCUGAUG	29297
5630	5400	AGGGUAGC A UGACACAU	10923	AUGUGUCA CUGAUGAG GCCGUUAGGC CGAA ICUACCCU	29298
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5637	5393	CAUGACAC A UGACAUCA	10925	UGAUGUCA CUGAUGAG GCCGUUAGGC CGAA IUGUCAUG	29300
5642	5388	CACAUGAC A UCAACAAU	10926	AUUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUCAUGUG	29301
5645	5385	AUGACAUC A ACAAUCUC	10927	GAGAUUGU CUGAUGAG GCCGUUAGGC CGAA IAUGUCAU	29302
5648	5382	ACAUCAAC A AUCUCAUU	10928	AAUGAGAU CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU	29303
5652	5378	CAACAAUC U CAUUUCCA	10929	UGGAAAUG CUGAUGAG GCCGUUAGGC CGAA IAUUGUUG	29304
5654	5376	ACAAUCUC A UUUCCAUU	10930	AAUGGAAA CUGAUGAG GCCGUUAGGC CGAA IAGAUUGU	29305
5659	5371	CUCAUUUC C AUUAUGUU	10931	AACAUAAU CUGAUGAG GCCGUUAGGC CGAA IAAAUGAG	29306
5660	5370	UCAUUUCC A UUAUGUUC	10932	GAACAUAA CUGAUGAG GCCGUUAGGC CGAA IGAAAUGA	29307
5669	5361	UUAUGUUC U CUGGGCAC	10933	GUGCCCAG CUGAUGAG GCCGUUAGGC CGAA IAACAUAA	29308
5671	5359	AUGUUCUC U GGGCACUG	10934	CAGUGCCC CUGAUGAG GCCGUUAGGC CGAA IAGAACAU	29309
5676	5354	CUCUGGGC A CUGCGGAU	10935	AUCCGCAG CUGAUGAG GCCGUUAGGC CGAA ICCCAGAG	29310
5678	5352	CUGGGCAC U GCGGAUGU	10936	ACAUCCGC CUGAUGAG GCCGUUAGGC CGAA IUGCCCAG	29311
5688	5342	CGGAUGUC U GGUACCGG	10937	CCGGUACC CUGAUGAG GCCGUUAGGC CGAA IACAUCCG	29312
5694	5336	UCUGGUAC C GGAUGGGC	10938	GCCCAUCC CUGAUGAG GCCGUUAGGC CGAA IUACCAGA	29313
5703	5327	GGAUGGGC A GUCCUCUC	10939	GAGAGGAC CUGAUGAG GCCGUUAGGC CGAA ICCCAUCC	29314
5707	5323	GGGCAGUC C UCUCAGUG	10940	CACUGAGA CUGAUGAG GCCGUUAGGC CGAA IACUGCCC	29315
5708	5322	GGCAGUCC U CUCAGUGC	10941	GCACUGAG CUGAUGAG GCCGUUAGGC CGAA IGACUGCC	29316
5710	5320	CAGUCCUC U CAGUGCUU	10942	AAGCACUG CUGAUGAG GCCGUUAGGC CGAA IAGGACUG	29317
5712	5318	GUCCUCUC A GUGCUUCA	10943	UGAAGCAC CUGAUGAG GCCGUUAGGC CGAA IAGAGGAC	29318
5717	5313	CUCAGUGC U UCAGCCAU	10944	AUGGCUGA CUGAUGAG GCCGUUAGGC CGAA ICACUGAG	29319
5720	5310	AGUGCUUC A GCCAUCUC	10945	GAGAUGGC CUGAUGAG GCCGUUAGGC CGAA IAAGCACU	29320
5723	5307	GCUUCAGC C AUCUCAGC	10946	GCUGAGAU CUGAUGAG GCCGUUAGGC CGAA ICUGAAGC	29321
5724	5306	CUUCAGCC A UCUCAGCA	10947	UGCUGAGA CUGAUGAG GCCGUUAGGC CGAA IGCUGAAG	29322
5727	5303	CAGCCAUC U CAGCAGCC	10948	GGCUGCUG CUGAUGAG GCCGUUAGGC CGAA IAUGGCUG	29323
5729	5301	GCCAUCUC A GCAGCCAC	10949	GUGGCUGC CUGAUGAG GCCGUUAGGC CGAA IAGAUGGC	29324
5732	5298	AUCUCAGC A GCCACAAC	10950	GUUGUGGC CUGAUGAG GCCGUUAGGC CGAA ICUGAGAU	29325
5735	5295	UCAGCAGC C ACAACCCU	10951	AGGGUUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA	29326
5736	5294	CAGCAGCC A CAACCCUG	10952		29327
5738		GCAGCCAC A ACCCUGGU	10953		29328
5741	5289	GCCACAAC C CUGGUUGG		CCAACCAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGGC	29329
5742	5288	CCACAACC C UGGUUGGU	10955	ACCAACCA CUGAUGAG GCCGUUAGGC CGAA IGUUGUGG	29330
5743	5287	CACAACCC U GGUUGGUG	10956		29331
5753	5277	GUUGGUGC U AGCACGGC	10957	GCCGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACCAAC	29332
5757	5273	GUGCUAGC A CGGCUGUU	10958	AACAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC	29333
5762	5268	AGCACGGC U GUUCUCAG	10959	CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGCU	29334
5767		GGCUGUUC U CAGUCUUC			29335
5769	+	CUGUUCUC A GUCUUCUG	10961	CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAGAACAG	29336
5773	5257	UCUCAGUC U UCUGUUUA	10962	UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA	29337
5776	5254	CAGUCUUC U GUUUAUGG	10963		29338
5786	5244	UUUAUGGC C UCUUUGAU	10964		29339
5787		UUAUGGCC U CUUUGAUG	10965		29340
5789	5241	AUGGCCUC U UUGAUGAU	10966		29341
5799	5231	UGAUGAUC U GUGGCAGA	10967		29342
5805		UCUGUGGC A GAAUCCUC	10968		29343
5811	5219	GCAGAAUC C UCCUUGUU			29344
5812	5218	CAGAAUCC U CCUUGUUU	10970	AAACAAGG CUGAUGAG GCCGUUAGGC CGAA IGAUUCUG	29345

	Table

5814	5216	GAAUCCUC C UUGUUUUA	10971	UAAAACAA CUGAUGAG GCCGUUAGGC CGAA LAGGAUUC	29346
5815	5215	AAUCCUCC U UGUUUUAC	10972	GUAAAACA CUGAUGAG GCCGUUAGGC CGAA IGAGGAUU	29347
5824	5206	UGUUUUAC C GGCGCCGG	10973	CCGGCGCC CUGAUGAG GCCGUUAGGC CGAA IUAAAACA	29348
$\overline{}$	5200	ACCGCCC C GGGAUGGA	10974	UCCAUCCC CUGAUGAG GCCGUUAGGC CGAA ICGCCGGU	29349
5830		UGGAGAUC C AGUACAGU	10975	ACUGUACU CUGAUGAG GCCGUUAGGC CGAA IAUCUCCA	29350
5843	5187	GGAGAUCC A GUACAGUG	10976	CACUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUCUCC	29351
5844	5186		10977	CAGAUCAC CUGAUGAG GCCGUUAGGC CGAA IUACUGGA	29352
5849	5181	UCCAGUAC A GUGAUCUG		GAAAAAAC CUGAUGAG GCCGUUAGGC CGAA IAUCACUG	29353
5856	5174	CAGUGAUC U GUUUUUUC	10978		
5865	5165	GUUUUUUC C UCAGCAUC	10979	GAUGCUGA CUGAUGAG GCCGUUAGGC CGAA IAAAAAAC	29354
5866	5164	UUUUUUCC U CAGCAUCU	10980	AGAUGCUG CUGAUGAG GCCGUUAGGC CGAA IGAAAAAA	29355
5868	5162	UUUUCCUC A GCAUCUCA	10981	UGAGAUGC CUGAUGAG GCCGUUAGGC CGAA IAGGAAAA	29356
5871	5159	UCCUCAGC A UCUCAGGU	10982	ACCUGAGA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGA	29357
5874	5156	UCAGCAUC U CAGGUUCG	10983	CGAACCUG CUGAUGAG GCCGUUAGGC CGAA IAUGCUGA	29358
5876	5154	AGCAUCUC A GGUUCGAA	10984	UUCGAACC CUGAUGAG GCCGUUAGGC CGAA IAGAUGCU	29359
5887	5143	UUCGAAUC C GGCUGGGA	10985	UCCCAGCC CUGAUGAG GCCGUUAGGC CGAA IAUUCGAA	29360
5891	5139	AAUCCGGC U GGGAUUGG	10986	CCAAUCCC CUGAUGAG GCCGUUAGGC CGAA ICCGGAUU	29361
5901	5129	GGAUUGGC U CAUCCAUC	10987	GAUGGAUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUCC	29362
5903	5127	AUUGGCUC A UCCAUCCU	10988	AGGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAGCCAAU	29363
5906	5124	GGCUCAUC C AUCCUUUC	10989	GAAAGGAU CUGAUGAG GCCGUUAGGC CGAA IAUGAGCC	29364
5907	5123	GCUCAUCC A UCCUUUCA	10990	UGAAAGGA CUGAUGAG GCCGUUAGGC CGAA IGAUGAGC	29365
5910	5120	CAUCCAUC C UUUCACCC	10991	GGGUGAAA CUGAUGAG GCCGUUAGGC CGAA IAUGGAUG	29366
5911	5119	AUCCAUCC U UUCACCCU	10992	AGGGUGAA CUGAUGAG GCCGUUAGGC CGAA IGAUGGAU	29367
5915	5115	AUCCUUUC A CCCUGCAC	10993	GUGCAGGG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAU	29368
5917	5113	CCUUUCAC C CUGCACUA	10994	UAGUGCAG CUGAUGAG GCCGUUAGGC CGAA IUGAAAGG	29369
5918	5112	CUUUCACC C UGCACUAU	10995	AUAGUGCA CUGAUGAG GCCGUUAGGC CGAA IGUGAAAG	29370
5919	5111	UUUCACCC U GCACUAUC	10996	GAUAGUGC CUGAUGAG GCCGUUAGGC CGAA IGGUGAAA	29371
5922	5108	CACCCUGC A CUAUCGCG	10997	CGCGAUAG CUGAUGAG GCCGUUAGGC CGAA ICAGGGUG	29372
5924	5106	CCCUGCAC U AUCGCGCU	10998	AGCGCGAU CUGAUGAG GCCGUUAGGC CGAA IUGCAGGG	29373
5932	5098	UAUCGCGC U UAUGUAUG	10999	CAUACAUA CUGAUGAG GCCGUUAGGC CGAA ICGCGAUA	29374
5944	5086	GUAUGAGC C GUUGGGCA	11000	UGCCCAAC CUGAUGAG GCCGUUAGGC CGAA ICUCAUAC	29375
5952	5078	CGUUGGGC A UUAUGACU	11001	AGUCAUAA CUGAUGAG GCCGUUAGGC CGAA ICCCAACG	29376
5960	5070	AUUAUGAC U CCAUUGCC	11002	GGCAAUGG CUGAUGAG GCCGUUAGGC CGAA IUCAUAAU	29377
5962	5068	UAUGACUC C AUUGCCAU	11003	AUGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAGUCAUA	29378
5963	5067	AUGACUCC A UUGCCAUA	11004	UAUGGCAA CUGAUGAG GCCGUUAGGC CGAA IGAGUCAU	29379
5968	5062	UCCAUUGC C AUAAAGCC	11005	GGCUUUAU CUGAUGAG GCCGUUAGGC CGAA ICAAUGGA	29380
5969	5061	CCAUUGCC A UAAAGCCC	11006	GGGCUUUA CUGAUGAG GCCGUUAGGC CGAA IGCAAUGG	29381
5976	5054	CAUAAAGC C CAAUCACA	11007	UGUGAUUG CUGAUGAG GCCGUUAGGC CGAA ICUUUAUG	29382
5977	5053	AUAAAGCC C AAUCACAU	11008	AUGUGAUU CUGAUGAG GCCGUUAGGC CGAA IGCUUUAU	29383
5978	5052	UAAAGCCC A AUCACAUC	11009	GAUGUGAU CUGAUGAG GCCGUUAGGC CGAA IGGCUUUA	29384
	5048	GCCCAAUC A CAUCACCG	11010	CGGUGAUG CUGAUGAG GCCGUUAGGC CGAA IAUUGGGC	29385
5982		CCAAUCAC A UCACCGUU	11010	AACGGUGA CUGAUGAG GCCGUUAGGC CGAA IUGAUUGG	29386
5984	5046	AUCACAUC A CCGUUUUU	11012	AAAAACGG CUGAUGAG GCCGUUAGGC CGAA IAUGUGAU	29387
5987	5043				29388
5989		CACAUCAC C GUUUUUGU			
5999	5031	UUUUUGUC C ACUAUUGG			29389
6000	5030	UUUUGUCC A CUAUUGGU		ACCAAUAG CUGAUGAG GCCGUUAGGC CGAA IGACAAAA	29390
6002	5028	UUGUCCAC U AUUGGUGA	11016	UCACCAAU CUGAUGAG GCCGUUAGGC CGAA IUGGACAA	29391
6013	5017	UGGUGAGC C UGAUGUUC		GAACAUCA CUGAUGAG GCCGUUAGGC CGAA ICUCACCA	29392
6014	5016	GGUGAGCC U GAUGUUCC	+	GGAACAUC CUGAUGAG GCCGUUAGGC CGAA IGCUCACC	29393
6022	5008	UGAUGUUC C AGUGGGGA	11019	UCCCCACU CUGAUGAG GCCGUUAGGC CGAA IAACAUCA	29394
6023	5007	GAUGUUCC A GUGGGGAA	11020	UUCCCCAC CUGAUGAG GCCGUUAGGC CGAA IGAACAUC	29395
6035	4995	GGGAAGUC C AAAGUCAC	11021	GUGACUUU CUGAUGAG GCCGUUAGGC CGAA IACUUCCC	29396
6036	4994	GGAAGUCC A AAGUCACG		CGUGACUU CUGAUGAG GCCGUUAGGC CGAA IGACUUCC	29397
6042	4988	CCAAAGUC A CGGCCCCG		CGGGGCCG CUGAUGAG GCCGUUAGGC CGAA IACUUUGG	29398
6047	4983	GUCACGGC C CCGAUUUC	11024	GAAAUCGG CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC	29399
6048	4982	UCACGGCC C CGAUUUCU	11025	AGAAAUCG CUGAUGAG GCCGUUAGGC CGAA IGCCGUGA	29400
6049	4981	CACGGCCC C GAUUUCUC	11026	GAGAAAUC CUGAUGAG GCCGUUAGGC CGAA IGGCCGUG	29401
6056	4974	CCGAUUUC U CCUUCAGG	11027	CCUGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAAUCGG	29402
6058	4972	GAUUUCUC C UUCAGGUG	11028	CACCUGAA CUGAUGAG GCCGUUAGGC CGAA IAGAAAUC	29403
6059	4971	AUUUCUCC U UCAGGUGU	11029	ACACCUGA CUGAUGAG GCCGUUAGGC CGAA IGAGAAAU	29404
6062	4968	UCUCCUUC A GGUGUUUU	11030	AAAACACC CUGAUGAG GCCGUUAGGC CGAA IAAGGAGA	29405
6075	4955	UUUUGAAC A CCCCUGGU	11031	ACCAGGGG CUGAUGAG GCCGUUAGGC CGAA IUUCAAAA	29406
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Table IX

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6077	4953	UUGAACAC C CCUGGUUU	11032	AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IUGUUCAA	29407
6078	4952	UGAACACC C CUGGUUUC	11033	GAAACCAG CUGAUGAG GCCGUUAGGC CGAA IGUGUUCA	29408
6079	4951	GAACACCC C UGGUUUCG	11034	CGAAACCA CUGAUGAG GCCGUUAGGC CGAA IGGUGUUC	29409
		AACACCCC U GGUUUCGU	11035	ACGAAACC CUGAUGAG GCCGUUAGGC CGAA IGGGUGUU	29410
6080	4950	GUUUCGUC U GGACGUUC	11036	GAACGUCC CUGAUGAG GCCGUUAGGC CGAA IACGAAAC	29411
6090	4940		11037	GAACGUUA CUGAUGAG GCCGUUAGGC CGAA IAACGUCC	29412
6099	4931	GGACGUUC U UAACGUUC		ACCUGGCA CUGAUGAG GCCGUUAGGC CGAA IAACGUUA	29413
6108	4922	UAACGUUC U UGCCAGGU	11038		
6112	4918	GUUCUUGC C AGGUUCCA	11039	UGGAACCU CUGAUGAG GCCGUUAGGC CGAA ICAAGAAC	29414
6113	4917	UUCUUGCC A GGUUCCAC	11040	GUGGAACC CUGAUGAG GCCGUUAGGC CGAA IGCAAGAA	29415
6119	4911	CCAGGUUC C ACCACAAU	11041	AUUGUGGU CUGAUGAG GCCGUUAGGC CGAA IAACCUGG	29416
6120	4910	CAGGUUCC A CCACAAUC	11042	GAUUGUGG CUGAUGAG GCCGUUAGGC CGAA IGAACCUG	29417
6122	4908	GGUUCCAC C ACAAUCAU	11043	AUGAUUGU CUGAUGAG GCCGUUAGGC CGAA IUGGAACC	29418
6123	4907	GUUCCACC A CAAUCAUC	11044	GAUGAUUG CUGAUGAG GCCGUUAGGC CGAA IGUGGAAC	29419
6125	4905	UCCACCAC A AUCAUCUG	11045	CAGAUGAU CUGAUGAG GCCGUUAGGC CGAA IUGGUGGA	29420
6129	4901	CCACAAUC A UCUGCACC	11046	GGUGCAGA CUGAUGAG GCCGUUAGGC CGAA IAUUGUGG	29421
6132	4898	CAAUCAUC U GCACCUCA	11047	UGAGGUGC CUGAUGAG GCCGUUAGGC CGAA IAUGAUUG	29422
6135	4895	UCAUCUGC A CCUCAUCC	11048	GGAUGAGG CUGAUGAG GCCGUUAGGC CGAA ICAGAUGA	29423
6137	4893	AUCUGCAC C UCAUCCUG	11049	CAGGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGCAGAU	29424
6138	4892	UCUGCACC U CAUCCUGC	11050	GCAGGAUG CUGAUGAG GCCGUUAGGC CGAA IGUGCAGA	29425
\vdash	4890	UGCACCUC A UCCUGCCC	11051	GGGCAGGA CUGAUGAG GCCGUUAGGC CGAA IAGGUGCA	29426
6140		ACCUCAUC C UGCCCGUU	11051	AACGGGCA CUGAUGAG GCCGUUAGGC CGAA IAUGAGGU	29427
6143	4887		11052	GAACGGGC CUGAUGAG GCCGUUAGGC CGAA IGAUGAGG	29428
6144	4886	CCUCAUCC U GCCCGUUC			
6147	4883	CAUCCUGC C CGUUCCAC	11054	GUGGAACG CUGAUGAG GCCGUUAGGC CGAA ICAGGAUG AGUGGAAC CUGAUGAG GCCGUUAGGC CGAA IGCAGGAU	29429
6148	4882	AUCCUGCC C GUUCCACU	11055		
6153	4877	GCCCGUUC C ACUUGUGC	11056	GCACAAGU CUGAUGAG GCCGUUAGGC CGAA IAACGGGC	29431
6154	4876	CCCGUUCC A CUUGUGCU	11057	AGCACAAG CUGAUGAG GCCGUUAGGC CGAA IGAACGGG	29432
6156	4874	CGUUCCAC U UGUGCUGC	11058	GCAGCACA CUGAUGAG GCCGUUAGGC CGAA IUGGAACG	29433
6162	4868	ACUUGUGC U GCAAUUUC	11059	GAAAUUGC CUGAUGAG GCCGUUAGGC CGAA ICACAAGU	29434
6165	4865	UGUGCUGC A AUUUCCAG	11060	CUGGAAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCACA	29435
6171	4859	GCAAUUUC C AGGGUCCU	11061	AGGACCCU CUGAUGAG GCCGUUAGGC CGAA IAAAUUGC	29436
6172	4858	CAAUUUCC A GGGUCCUC	11062	GAGGACCC CUGAUGAG GCCGUUAGGC CGAA IGAAAUUG	29437
6178	4852	CCAGGGUC C UCCGUAAC	11063	GUUACGGA CUGAUGAG GCCGUUAGGC CGAA IACCCUGG	29438
6179	4851	CAGGGUCC U CCGUAACA	11064	UGUUACGG CUGAUGAG GCCGUUAGGC CGAA IGACCCUG	29439
6181	4849	GGGUCCUC C GUAACAAA	11065	UUUGUUAC CUGAUGAG GCCGUUAGGC CGAA IAGGACCC	29440
6187	4843	UCCGUAAC A AAGUCGAU	11066	AUCGACUU CUGAUGAG GCCGUUAGGC CGAA IUUACGGA	29441
6197	4833	AGUCGAUC C UCCUUGAC	11067	GUCAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUCGACU	29442
6198	4832	GUCGAUCC U CCUUGACA	11068	UGUCAAGG CUGAUGAG GCCGUUAGGC CGAA IGAUCGAC	29443
6200	4830	CGAUCCUC C UUGACACU	11069	AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGAUCG	29444
6201	4829	GAUCCUCC U UGACACUG	11070	CAGUGUCA CUGAUGAG GCCGUUAGGC CGAA IGAGGAUC	29445
6206	4824	UCCUUGAC A CUGCCCCA	11071	UGGGGCAG CUGAUGAG GCCGUUAGGC CGAA IUCAAGGA	29446
		CUUGACAC U GCCCCAGU	11072	ACUGGGGC CUGAUGAG GCCGUUAGGC CGAA IUGUCAAG	29447
6208	4822			CAUACUGG CUGAUGAG GCCGUUAGGC CGAA ICAGUGUC	29448
6211	4819	GACACUGC C CCAGUAUG	11073		
6212	4818	ACACUGCC C CAGUAUGG	11074	CCAUACUG CUGAUGAG GCCGUUAGGC CGAA IGCAGUGU	29449
6213	4817	CACUGCCC C AGUAUGGG	11075	CCCAUACU CUGAUGAG GCCGUUAGGC CGAA IGGCAGUG	29450
6214	4816	ACUGCCCC A GUAUGGGU	11076	ACCCAUAC CUGAUGAG GCCGUUAGGC CGAA IGGGCAGU	29451
6224	4806	UAUGGGUC C AGGCGGCC	11077	GGCCGCCU CUGAUGAG GCCGUUAGGC CGAA IACCCAUA	29452
6225	4805	AUGGGUCC A GGCGGCCC	11078	GGGCCGCC CUGAUGAG GCCGUUAGGC CGAA IGACCCAU	29453
6232	4798	CAGGCGGC C CUCUCCGC	11079	GCGGAGAG CUGAUGAG GCCGUUAGGC CGAA ICCGCCUG	29454
6233	4797	AGGCGGCC C UCUCCGCU	11080	AGCGGAGA CUGAUGAG GCCGUUAGGC CGAA IGCCGCCU	29455
6234	4796	GGCGGCCC U CUCCGCUC	11081	GAGCGGAG CUGAUGAG GCCGUUAGGC CGAA IGGCCGCC	29456
6236	4794	CGGCCCUC U CCGCUCAU	11082	AUGAGCGG CUGAUGAG GCCGUUAGGC CGAA IAGGGCCG	29457
6238	4792	GCCCUCUC C GCUCAUCA	11083	UGAUGAGC CUGAUGAG GCCGUUAGGC CGAA IAGAGGGC	29458
6241	4789	CUCUCCGC U CAUCAAAG	11084	CUUUGAUG CUGAUGAG GCCGUUAGGC CGAA ICGGAGAG	29459
6243	4787	CUCCGCUC A UCAAAGCG	11085	CGCUUUGA CUGAUGAG GCCGUUAGGC CGAA IAGCGGAG	29460
6246	4784	CGCUCAUC A AAGCGGCU	11086	AGCCGCUU CUGAUGAG GCCGUUAGGC CGAA IAUGAGCG	29461
6254	4776	AAAGCGGC U CCUUUGU	11087	ACAAAAGG CUGAUGAG GCCGUUAGGC CGAA ICCGCUUU	29462
6256	4774	AGCGGCUC C UUUUGUUG	11088	CAACAAAA CUGAUGAG GCCGUUAGGC CGAA IAGCCGCU	29463
		GCGGCUCC U UUUGUUGU	11089	ACAACAAA CUGAUGAG GCCGUUAGGC CGAA IAGCCGC	29464
6257	4773				
6270	4760	UUGUAUGC C AAAGGGUG	11090	CACCCUUU CUGAUGAG GCCGUUAGGC CGAA ICAUACAA	29465
6271	4759	UGUAUGCC A AAGGGUGU	11091	ACACCCUU CUGAUGAG GCCGUUAGGC CGAA IGCAUACA	29466
6287	4743	UGGAAAAC A CCUUCAAC	11092	GUUGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUUCCA	29467

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6289	4741	GAAAACAC C UUCAACCA	11093		
6290	4740	AAAACACC U UCAACCAU	11094	Abdobba: Coc. Co.	29469
6293	4737	ACACCUUC A ACCAUCAC	11095	GUGAUGGU CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU	29470
6296	4734	CCUUCAAC C AUCACGCC	11096	GGCGUGAU CUGAUGAG GCCGUUAGGC CGAA IUUGAAGG	29471
6297	4733	CUUCAACC A UCACGCCC	11097	GGGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUUGAAG	29472
6300	4730	CAACCAUC A CGCCCGCU	11098	AGCGGGCG CUGAUGAG GCCGUUAGGC CGAA IAUGGUUG	29473
6304	4726	CAUCACGC C CGCUCCUG	11099	CAGGAGCG CUGAUGAG GCCGUUAGGC CGAA ICGUGAUG	29474
6305	4725	AUCACGCC C GCUCCUGC	11100	GCAGGAGC CUGAUGAG GCCGUUAGGC CGAA IGCGUGAU	29475
6308	4722	ACGCCCGC U CCUGCUUG	11101	CAAGCAGG CUGAUGAG GCCGUUAGGC CGAA ICGGGCGU	29476
	4720	GCCCGCUC C UGCUUGAU	11102	AUCAAGCA CUGAUGAG GCCGUUAGGC CGAA IAGCGGGC	29477
6310		CCCGCUCC U GCUUGAUA	11103	UAUCAAGC CUGAUGAG GCCGUUAGGC CGAA IGAGCGGG	29478
6311	4719			AGUUAUCA CUGAUGAG GCCGUUAGGC CGAA ICAGGAGC	29479
6314	4716	GCUCCUGC U UGAUAACU	11104		29480
6322	4708	UUGAUAAC U GCCGAGCA	11105		29481
6325	4705	AUAACUGC C GAGCAGCC	11106	GGCUGCUC CUGAUGAG GCCGUUAGGC CGAA ICAGUUAU	
6330	4700	UGCCGAGC A GCCCACGA	11107	UCGUGGGC CUGAUGAG GCCGUUAGGC CGAA ICUCGGCA	29482
6333	4697	CGAGCAGC C CACGAGUC	11108	GACUCGUG CUGAUGAG GCCGUUAGGC CGAA ICUGCUCG	29483
6334	4696	GAGCAGCC C ACGAGUCA	11109	UGACUCGU CUGAUGAG GCCGUUAGGC CGAA IGCUGCUC	29484
6335	4695	AGCAGCCC A CGAGUCAU	11110	AUGACUCG CUGAUGAG GCCGUUAGGC CGAA IGGCUGCU	29485
6342	4688	CACGAGUC A UGAUCCUG	11111	CAGGAUCA CUGAUGAG GCCGUUAGGC CGAA IACUCGUG	29486
6348	4682	UCAUGAUC C UGUAGACG	11112	CGUCUACA CUGAUGAG GCCGUUAGGC CGAA IAUCAUGA	29487
6349	4681	CAUGAUCC U GUAGACGC	11113	GCGUCUAC CUGAUGAG GCCGUUAGGC CGAA IGAUCAUG	29488
6358	4672	GUAGACGC C GGUGGUCG	11114	CGACCACC CUGAUGAG GCCGUUAGGC CGAA ICGUCUAC	29489
	4659	GUCGUGUC C CCCUUUUU	11115	AAAAAGGG CUGAUGAG GCCGUUAGGC CGAA IACACGAC	29490
6371		ncanance c ccanana	11116	CAAAAAGG CUGAUGAG GCCGUUAGGC CGAA IGACACGA	29491
6372	4658			ACAAAAAG CUGAUGAG GCCGUUAGGC CGAA IGGACACG	29492
6373	4657	cenencec e connonen	11117		
6374	4656	GUGUCCCC C UUUUUGUA	11118	UACAAAAA CUGAUGAG GCCGUUAGGC CGAA IGGGACAC	29493
6375	4655	UGUCCCCC U UUUUGUAC	11119	GUACAAAA CUGAUGAG GCCGUUAGGC CGAA IGGGGACA	29494
6384	4646	UUUUGUAC U CCUUUGGU	11120	ACCAAAGG CUGAUGAG GCCGUUAGGC CGAA IUACAAAA	29495
6386	4644	UUGUACUC C UUUGGUGA	11121	UCACCAAA CUGAUGAG GCCGUUAGGC CGAA IAGUACAA	29496
6387	4643	UGUACUCC U UUGGUGAG	11122	CUCACCAA CUGAUGAG GCCGUUAGGC CGAA IGAGUACA	29497
6404	4626	GGAGUGUC C CACAACAC	11123	GUGUUGUG CUGAUGAG GCCGUUAGGC CGAA IACACUCC	29498
6405	4625	GAGUGUCC C ACAACACG	11124	CGUGUUGU CUGAUGAG GCCGUUAGGC CGAA IGACACUC	29499
6406	4624	AGUGUCCC A CAACACGC	11125	GCGUGUUG CUGAUGAG GCCGUUAGGC CGAA IGGACACU	29500
6408	4622	UGUCCCAC A ACACGCCU	11126	AGGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUGGGACA	29501
6411	4619	CCCACAAC A CGCCUCCU	11127	AGGAGGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUGGG	29502
6415	4615	CAACACGC C UCCUCUCU	11128	AGAGAGGA CUGAUGAG GCCGUUAGGC CGAA ICGUGUUG	29503
		AACACGCC U CCUCUCUU	11129	AAGAGAGG CUGAUGAG GCCGUUAGGC CGAA IGCGUGUU	29504
6416	4614		11130	CAAAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGGCGUG	29505
6418	4612	CACGCCUC C UCUCUUUG			29506
6419	4611	ACGCCUCC U CUCUUUGU	11131		
6421	4609	GCCUCCUC U CUUUGUGU	11132	ACACAAAG CUGAUGAG GCCGUUAGGC CGAA IAGGAGGC	29507
6423	4607	CUCCUCUC U UUGUGUAU	11133	AUACACAA CUGAUGAG GCCGUUAGGC CGAA IAGAGGAG	29508
6444	4586	GAGUUAUC C AAAAUCCA	11134	UGGAUUUU CUGAUGAG GCCGUUAGGC CGAA IAUAACUC	29509
6445	4585	AGUUAUCC A AAAUCCAA	11135	UUGGAUUU CUGAUGAG GCCGUUAGGC CGAA IGAUAACU	29510
6451	4579	CCAAAAUC C AACUACUG	11136	CAGUAGUU CUGAUGAG GCCGUUAGGC CGAA IAUUUUGG	29511
6452	4578	CAAAAUCC A ACUACUGA	11137	UCAGUAGU CUGAUGAG GCCGUUAGGC CGAA IGAUUUUG	29512
6455	4575	AAUCCAAC U ACUGAGGG	11138	CCCUCAGU CUGAUGAG GCCGUUAGGC CGAA IUUGGAUU	29513
6458	4572	CCAACUAC U GAGGGCAA	11139	UUGCCCUC CUGAUGAG GCCGUUAGGC CGAA IUAGUUGG	29514
6465	4565	CUGAGGC A AGAUUGCC		GGCAAUCU CUGAUGAG GCCGUUAGGC CGAA ICCCUCAG	29515
6473	4557	AAGAUUGC C CAGGGGGU	11141	ACCCCCUG CUGAUGAG GCCGUUAGGC CGAA ICAAUCUU	29516
6474	4556	AGAUUGCC C AGGGGGUG			29517
				ACACCCC CUGAUGAG GCCGUUAGGC CGAA IGGCAAUC	29518
6475	4555	GAUUGCCC A GGGGGUGU	11143	GCGAUUAG CUGAUGAG GCCGUUAGGC CGAA ICGUACAC	29519
6488	4542	GUGUACGC A CUAAUCGC	11144		
6490	4540	GUACGCAC U AAUCGCGA	11145	UCGCGAUU CUGAUGAG GCCGUUAGGC CGAA TUGCGUAC	29520
6502	4528	CGCGAGAC A GACCAUUC	11146		29521
6506	4524	AGACAGAC C AUUCUGAG	11147		29522
6507	4523	GACAGACC A UUCUGAGC	11148	GCUCAGAA CUGAUGAG GCCGUUAGGC CGAA IGUCUGUC	29523
6511	4519	GACCAUUC U GAGCAUCC	11149	GGAUGCUC CUGAUGAG GCCGUUAGGC CGAA IAAUGGUC	29524
6516	4514	UUCUGAGC A UCCAUAUC	11150	GAUAUGGA CUGAUGAG GCCGUUAGGC CGAA ICUCAGAA	29525
6519	4511	UGAGCAUC C AUAUCUUC	11151	GAAGAUAU CUGAUGAG GCCGUUAGGC CGAA IAUGCUCA	29526
6520	4510	GAGCAUCC A UAUCUUCC	11152		29527
6525	4505	UCCAUAUC U UCCAAGGU	11153		29528
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1951 GRAPICTURE A AGRICICE 11155 GRACACCU CURATIGA GECCULUAGE COLA TGARGAIA 29531 1951 4492 AGRICICE C UGRAPICA 11156 GRACACCO CURATIGA GECCULUAGE COLA TGACCULU 29531 1953 4491 AGRICICE C UGRAPICA 11157 ARGALICA CURATIGA GECCULUAGE COLA TGACCULU 29531 1953 4491 AGRICICE C UGRAPICA 11157 ARGALICA CURATIGA GECCULUAGE COLA TGACCACC 29532 1954 4491 COURCICE A UGRACUTU 11157 ARGALICAC CURATIGA GECCULUAGE COLA TGACCACC 29531 1954 4491 CAUCACUTU AUGACUGO 11158 AUGACUCC CURATIGA GECCULUAGE CALA TARCACC 29531 1955 4475 CUCURGACO U GRACACUTU 11160 CARACCCC CURATIGA GECCULUAGE CALA TARCACC 29531 1955 4475 CUCURGACO U GRACACUTU 11161 ARGALICAC CURATIGA GECCULUAGE CALA TARCACC 29531 1955 4475 CUCURGACO U GRACACUTU 11161 ARGALICAC CURATIGA GECCULUAGE CALA TARCACCUL 29537 1956 4461 ARGUIUCC A TUCATICAC 11161 ARGUIUCC CURATIGA GECCULUAGE CALA TARCACCUL 29537 1957 4461 COCURCACC A UCATICAC 11165 GRUGAUGA CURATIGA GECCULUAGE CALA TARCACUL 29537 1957 4451 COCURCACC A UCATICAC 11165 CRECULUAGE CURATIGA GECCULUAGE CALA TARCACUL 29540 1957 4451 CAUCANGC A GECCACCA 11165 CRECULUAGE CURATIGA GECCULUAGE CALA TARCACCUL 29540 1958 4448 CARACCCC CURATIGA GECCULUAGE CURATIGA GECCULUAGE CALA TARCACCUL 29540 1958 4448 CARACCCC CURATICA A GECCACCAC 11165 CRECULUAGE CURATICA GECCULUAGE CALA TARCACCUL 29540 1958 4448 CARACCCC CURATICA A CURATICA CURATICA CURATICA GECCULUAGE CALA TARCACCUL 29540 1959 4440 CARCACACA CALA CALACACCUL 11165 CRECULUAGE CURATICA GECCULUAGE COLA TARCACCUL 29540 1959 4440 CARCACACA CALA CURATICA CURATICA CURATICA GECCULUAGE COLA TARCACCUL 29540 1959 4440 CARCACACA CALACACUL 11167 GRACACCUL CURATICA GECCULUAGE COLA TARCACCUL 29540 1959 4440 CARCACCUL C UUCCCCIC 11177 CRECULUAGUA CURATICA CURATICA GECCULUAGE COLA TARCACCUL 29540 1959 4450 CUCUACCUL C UUCCCCIC C UUCCCACCUL 11177 CRECULUAGE	6528	4502	AUAUCUUC C AAGGUGCU	11154	AGCACCUU CUGAUGAG GCCGUUAGGC CGAA IAAGAUAU	29529
						29530
1975 1497						29531
1555 4491 GRIDICIUC U GRANCAUT 11158 ANUGANIC CURATIGA CONTROLOGY CORA TRACECCE 29537 4485 CCUGRATO A URCANGA 11159 CICARGUARA CURATIGA GCOSULAGO CORA TARCACO 29534 4485 CAUCAUTC A URACCUE 11150 CCARCUE CURATIGA GCOSULAGO CORA TARCACO 29534 4485 CAUCAUTC A URACCUE 11161 ANACUUC CURATIGA GCOSULAGO CORA TARCACUE 29537 4475 URACCUE C AUCAUTCA 11162 AUGARGAD CURATIGA GCOSULAGO CORA TARCACUE 29537 4586 CAUCAUTCA URACCUE 11164 CUURATGA CURATIGA GCOSULAGO CORA TARCUUC 29537 4589 CAUCAUTCA URACCUE 11164 CUURATGA CURATURA GCOSULAGO CORA TARCUUC 29537 4589 CAUCAUTCA URACCUE 11165 GUGGOCO CURATIGA GCOSULAGO CORA TARCUUC 29537 4581 CAUCAUTCA ACCOSCAC 11165 GUGGOCO CURATIGA GCOSULAGO CORA TARCACU 29537 4595 CAUCAUTCA ACCOSCAC 11165 GUGGOCO CURATIGA GCOSULAGO CORA TARCAGO 29545 4589 CAUCAUTCA ACCOSCAC 11167 GUGGOCO CURATIGA GCOSULAGO CORA TARCAGO 29545 4589 CAUCAUTCA ACCOSCAC 11167 GUGGOCO CURATIGA GCOSULAGO CORA TARCAGO 29545 4589 CAUCAUTCA CAUCAUTCA 11167 GUGGOCO CURATIGA GCOSULAGO CORA TARCAGO 29545 4589 CAUCAUTCA CAUCAUTCA 11167 GUGGOCO CURATIGA GCOSULAGO CORA TARCAGO 29545 4589 4446 ARCACCOC A CAUCAUTCA 11169 ARCAGURA CURATIGA GCOSULAGO CORA TARCAGO 29545 4594 4466 ARCACCOC A CAUCAUTCA 11169 ARCAGURA CURATIGA GCOSULAGO CORA TARCAGO 29545 4595 4440 ARCACCAC CURUAGO 11170 GARAGOCA CURATIGA GCOSULAGO CORA TARCAGO 29545 4599 4440 ARCACCAC CURUAGO 11171 ARCACARAO CURATIGA GCOSULAGO CORA TARCAGO 29545 4599 4440 ARCACCAC CURATIGA GCOSULAGO CURATIGA GCOSULAGO CORA TARCAGO 29545 4599 4440 ARCACCAC CURATIGO 11171 ARCAGARAO CURATIGA GCOSULAGO CORA TARCAGO 29550 4440 ARCACCAC CURATIGO CURATIGO 24500						
						
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19584 1445 AGCCIGAC R UCANCUCU 11169 AGAQUUGA CUGAUGAG GCCGUUAGGC CGAA INUGCIGCU 29544 6587 4443 ACCICANUC A CUCUTUCC 11171 AGCCAACA CUGAUGAG GCCGUUAGGC CGAA INUGCIGCU 29545 6590 4440 ACCACAAC U CUUCCCUG 11171 AGCCAACA CUGAUGAG GCCGUUAGGC CGAA INUGCAUGU 29546 6592 4448 AUCAACUC U UUCCCUGG 11171 AGCCAACA CUGAUGAG GCCGUUAGGC CGAA INUGCAUGU 29547 6592 4438 AUCAACUC U UUCCCUGG 11171 AGCCACAC CUGAUGAG GCCGUUAGGC CGAA INGGUAACA 29547 6594 4426 GCUCGAGC U GUAAUUU 11174 AAAUUACA CUGAUGAG GCCGUUAGGC CGAA ICCCACAC 29549 6605 4425 CUCCAGACC U GUAAUUU 11175 AGAAGUCA CUGAUGAG GCCGUUAGGC CGAA ICCCAGAC 295549 6605 4425 CUCCAGACC U GUAAUUU 11176 AGAAGUCA CUGAUGAG GCCGUUAGGC CGAA ICCCAGAC 295549 6614 4416 GUAAUUUC U GCAUCACU 11176 AGAAGUCA CUGAUGAG GCCGUUAGGC CGAA ICCCAGAC 29551 6617 4413 AUUUCUGC A UCACUUUC 11177 GAAAGUGA CUGAUGAG GCCGUUAGGC CGAA ICAGAAAU 29552 6626 4404 UCUCACAC A CUUCCCCA 11178 GUGGAAAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAAU 29554 6626 4404 UCUCACAC A CUUCCCCA 11178 CCUGAGAA CUGAUGAG GCCGUUAGGC CGAA ICAGAAAU 29554 6626 4404 UCUCACAC A CUGAGAAAU 11180 AUUUCCUC CUGAUGAG GCCGUUAGGC CGAA ICAGAAAU 29554 6626 4404 UCUCACAC A GGAAAUG 11180 AUUUCCC CUGAUGAG GCCGUUAGGC CGAA ICAGAAAU 29554 6627 4403 CACUUCCC A GGAAAUG 11180 AUUUCCC CUGAUGAG GCCGUUAGGC CGAA ICAGAAGC 29556 6628 4402 CACUUCCC A GGAAAUG 11180 AUUUCCC CUGAUGAG GCCGUUAGGC CGAA ICAGAGAG 29556 6638 4392 GAAAUGC C GCUCUCCU 11183 AGAACGGC CUGAUGAG GCCGUUAGGC CGAA ICAGACAC 29554 6648 4384 CCCGUUCCC A GGAAAUG 11180 AGAACGGC CUGAUGAG GCCGUUAGGC CGAA ICACACUC 29558 6648 4384 CCCGUUCCC C AGGAAAUG 11180 AGAACGGC CUGAUGAG GCCGUUAGGC CGAA ICACACUC 29558 6646 4384 CCCGUUCCC C AGAAAUC 11186 GAGAGAGC CUGAUGAG GCCGUUAGGC CGAA IACACGCG 29556 6668 4384 CCCGUUCCC C AGAACAC 11180 GAAAGCGC CUGAUGAG GCCGUUAGGC CGAA IACACGC 29556 6659	6579	4451		11167		
1975 1975	6582	4448	CAAGCCGC A CAUCAACU	11168		
1975 1975	6584	4446	AGCCGCAC A UCAACUCU	11169		
1972 1973 1975	6587	4443	CGCACAUC A ACUCUUUC	11170	GAAAGAGU CUGAUGAG GCCGUUAGGC CGAA IAUGUGCG	
1975 1975	6590	4440	ACAUCAAC U CUUUCGCU	11171	AGCGAAAG CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU	29546
1975 1975	6592	4438	AUCAACUC U UUCGCUCG	11172	CGAGCGAA CUGAUGAG GCCGUUAGGC CGAA IAGUUGAU	29547
	6598	4432	UCUUUCGC U CGAGCCUG	11173	CAGGCUCG CUGAUGAG GCCGUUAGGC CGAA ICGAAAGA	29548
6605 4425 CUCCARCC U GUANUUUC 11175 GARAUUAC CUGAUGAG GCCGUUAGGC CGAR IGCUCGAG 29550 6614 4416 GUANUUUC U GCAUCACU 11177 GARAGUGA CUGAUGAG GCCGUUAGGC CGAR IAAUUAC 29551 6620 4410 UCUGCALC A UCUCUCCA 11179 GGARAGUGA CUGAUGAG GCCGUUAGGC CGAR IAAUUAC 29553 6622 4404 UCACUUUC C CAGGARAU 11180 AUUUCCU CUGAUGAG GCCGUUAGGC CGAR IAGCARAAU 29553 6627 4403 UCACUUUC C CAGGARAU 11180 AUUUCCU CUGAUGAG GCCGUUAGGC CGAR IAAGGGA 29554 6627 4404 UCACUUUC C CAGGARAU 11180 AUUUCCU CUGAUGAG GCCGUUAGGC CGAR IAAGGGA 29554 6627 4403 ACCUUUCC C AGGARAU 11181 ACAUUUCC CUGAUGAG GCCGUUAGGC CGAR IAAGGGA 29555 6628 4404 AUUCCCCA GGARAAUG 11182 ACAUUUCC CUGAUGAG GCCGUUAGGC CGAR IAAAGUG 29555 6638 4392 GARAUGUC C GCCGUUCU 11183 AGAACGGC CUGAUGAG GCCGUUAGGC CGAR IACAUUCC 29558 6646 4389 AUGUCCCC C GUUCCUC 11184 AGAACGGC CUGAUGAG GCCGUUAGGC CGAR IACAUUCC 29558 6646 4384 CGCGUUCU C CAAUCACC 11186 GGAUGAGAG CUGAUGAG GCCGUUAGGC CGAR IACACUCC 29550 6654 4376 CUUCCAUC C AUUCCACU 11187 AGAACGG CUGAUGAG GCCGUUAGGC CGAR IACACUCC 29560 6655 4376 CUUCAAUC C ACUAUCCU 11188 AGAUGUGA CUGAUGAG GCCGUUAGGC CGAR IACACGGC 29560 6655 4376 CUUCAAUC C ACUAUCUU 11189 AGAUGUGA CUGAUGAG GCCGUUAGGC CGAR IACACGG 29561 6655 4375 CUCAAUCC C ACUAUCUU 11190 AACAGAU CUGAUGAG GCCGUUAGGC CGAR IAGAGAAC 29566 6657 4373 CARUCCAC UUCGAUGU 11190 AACAGAU CUGAUGAG GCCGUUAGGC CGAR IAGAGAAC 29566 6657 4375 CUCAAUCC AGAAAUC 11194 AGAUCUCC CUGAUGAG GCCGUUAGGC CGAR IAGAGAAC 29566 6667 4376 CUCAAUCC AGAAAUC 11194 AAUCCACC GCCGUUAGGC CGAR IAGAGAC 29566 6677 4375 CUCAAUCC AGAAAUC 11194 AAUCCACC GCCGUUAGGC CGAR IAGAGAC 29566 6677 4375 CUCAAUCC AGAAAUC 11194 AGAUCCAC CUGAUGAG GCCGUUAGGC CGAR IAGAGAC 29567 6678 4376 AUGCACAC AUUCCACC AGAAAUC 11194 AAUCCACA CUGAUGAG GCCGUUAGGC	6604	4426	GCUCGAGC C UGUAAUUU	11174	AAAUUACA CUGAUGAG GCCGUUAGGC CGAA ICUCGAGC	29549
1910 1910		4425	CUCGAGCC U GUAAUUUC	11175	GAAAUUAC CUGAUGAG GCCGUUAGGC CGAA IGCUCGAG	29550
6617 4413 AUUUCUGC A UCACUIUCC 11177 GARAGUGA CUGAUGAG GCCGUUAGGC CGAA ICAGAAAU 29552 6622 4408 UGCACUAC U UUCCCAGG 11179 CCUGGGAA CUGAUGAG GCCGUUAGGC CGAA IAUGCAGA 29553 6622 4404 UCACUUUC C CAGGAAAU 11190 ALUUCCUG CUGAUGAG GCCGUUAGGC CGAA IAUGCAGA 29553 6627 4403 CACUUUCC C AGGAAAUG 11191 CAUUUCCUG CUGAUGAG GCCGUUAGGC CGAA IAUGCAGA 29556 6628 4402 ACUUUCC C AGGAAAUG 11192 ACAUUUCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGU 29556 6638 4392 GAAAUGUC C GCCGUUCU 11183 AGAAGGG CUGAUGAG GCCGUUAGGC CGAA IGAAAGU 29556 6641 4384 AUGUCCC C GCCGUUCU 11185 GGAUGGAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAGU 29556 6646 4384 CGCCGUUCU C CAUCACC 11185 GGAUUGAG CUGAUGAG GCCGUUAGGC CGAA ICAGACU 29556 6646 4384 CGCCGUUCU C CAUCACC 11185 GGAUUGAG CUGAUGAG GCCGUUAGGC CGAA ICAGACU 29556 6646 4384 CGCCGUUCU C CAUCACCAU 11187 GAGAGAGAC CUGAUGAG GCCGUUAGGC CGAA ICAGACU 29556 6646 4389 AUUUCCC A AGCACCAC 11186 GUGAUUGAG CUGAUGAG GCCGUUAGGC CGAA ICAGACG 29560 6648 4380 GUUCCUCC A AUCACACAU 11187 AUGUGGAU CUGAUGAG GCCGUUAGGC CGAA ICAGACG 29560 6656 4380 GUUCCUCC A CAUAUCU 11188 AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA ICAGACG 29561 6655 4375 CUCAAUCC A CAUAUCU 11188 AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA ICAGACAC 29562 6655 4375 CUCAAUCC A CAUAUCU 11189 AGAUGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGACAC 29563 66567 4375 CUCAAUCC A CAUAUCUGU 11190 AACAGAUA CUGAUGAG GCCGUUAGGC CGAA ICAGACAC 29566 6657 4375 CUCAAUCC A CAUAUCUGU 11190 AACAGAUA CUGAUGAG GCCGUUAGGC CGAA ICAGACAC 29566 6657 4357 UGAUUUCC C AGAAAUCA 11192 AUGUGUAG CUGAUGAG GCCGUUAGGC CGAA IAUAUCUG 29566 6657 4357 UGAUUUCC C AGAAAUCA 11192 AUGUGUAG CUGAUGAG GCCGUUAGGC CGAA IAUAUCUG 29566 6657 4357 UGAUUUCC C AGAAAUCA 11193 UGAUUUCC CUGAUGAG GCCGUUAGGC CGAA IAUAUCUG 29566 6668 4341 ACACACACA UAUCUGUU 11190 AACAGAUA CUGAUGAG GCCGUUAGGC CGAA IAUAUCUG 29566 6677 4356 GAUUUCC A GAAAUCA 11193 UGAUUUCC CUGAUGAG GCCGUUAGGC CGAA IAUAUCUG 29573 6669 4314 ACAGAAAC A UGAGACC CUGAUGAGC CGAA IAUAUCUG 29566 6678 4356 GAUUUCC A GAAAUCA 11193 UGAUUUCC CUGAUGAG GCCGUUAGGC CGAA IAUUCUG 29573 6679 4358 ACACUGAC A GCAAACAU 11195 UGAUCAC	6614	4416	GUAAUUUC U GCAUCACU	11176	AGUGAUGC CUGAUGAG GCCGUUAGGC CGAA IAAAUUAC	29551
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		4410	UCUGCAUC A CUUUCCCA	11178	UGGGAAAG CUGAUGAG GCCGUUAGGC CGAA IAUGCAGA	29553
6626		4408	UGCAUCAC U UUCCCAGG	11179	CCUGGGAA CUGAUGAG GCCGUUAGGC CGAA IUGAUGCA	29554
6627		4404	UCACUUUC C CAGGAAAU	11180	AUUUCCUG CUGAUGAG GCCGUUAGGC CGAA IAAAGUGA	29555
6628	<u> </u>			11181	CAUUUCCU CUGAUGAG GCCGUUAGGC CGAA IGAAAGUG	29556
6638 4392 GAAAUGU C GCCGUUCU 11183 AGAACGG CUGAUGAG GCCGUUAGG CGAA TACAUUU 29558 6641 4389 AUGUCCGC GUUCUCUC 11184 GAGAGAA CUGAUGAG GCCGUUAGGC CGAA TACAGGG 29560 6646 4384 GCCGUUC U CUCAAUCC 11185 GUGAUUGA CUGAUGAG GCCGUUAGGC CGAA TACAGGGG 29561 6650 4380 GUUCUCUC A AUCCACU 11187 AUGUGGAU CUGAUGAG GCCGUUAGGC CGAA TAGAGAGC 29561 6654 4376 UCUCAAUC A TUCCACAU 11187 AUGUGGAU CUGAUGAG GCCGUUAGGC CGAA TAGAGAGC 29561 6655 4376 UCUCAAUC C ACAUAUCU 11189 AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA TAGAGAC 29563 6655 4376 UCUCAUCC A CAUAUCU 11189 AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA TAGAGAC 29563 6657 4373 CAAUCCA AUAUCUGU 11189 CAGAUAUG CUGAUGAG GCCGUUAGGC CGAA TAGAGAC 29563 66672 4358 UGAUUUC C AGAAAUCA 11191 AAAUCAAC CUGAUGAG GCCGUUAGGC CGAA TAGAGAUG 29566 6672 4358 UGAUUUC C AGAAAUCA 11191 AAAUCAAC CUGAUGAG GCCGUUAGGC CGAA TAGAGACA 29567 6673 4357 UGAUUUC C AGAAAUCA 11193 UGAUUUCU CUGAUGAG GCCGUUAGGC CGAA TAGACACA 29567 6674 4356 GAUUUCCC AGAAAUCA 11194 GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA TAGAUCA 29568 6674 4356 GAUUUCCC AGAAAUCA 11194 GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA TAGAUCA 29567 6678 4341 ACGAAACC A CGAAACAU 11194 GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA TAGAUCA 29569 6689 4341 ACGAAACC A CGAAACAU 11194 GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA TAGAUCA 29569 6696 4334 AAACCAGC A ACAUGAG 11195 UGCUUCC CUGAUGAG GCCGUUAGGC CGAA TAGAUCC 29571 6696 4338 AAACCAGC A ACAUGAG 11194 GUGAUUGC CUGAUGAG GCCGUUAGGC CGAA TAGUUCCU 29571 6697 4328 ACAUGAGC C GCGAUAG 11194 GUGAUUGC CUGAUGAG GCCGUUAGGC CGAA TAGUCCU 29576 6696 4334 AAGGAACA AUGAGCCC TUGAUGAG GCCGUUAGGC CGAA TAGUCCU 29576 6697 4328 AAGGAACC ACAGACAU 11194 GUGAUGAG GCCGUUAGGC CGAA TAGUCCUU 29576 6702 4328		4402	ACUUUCCC A GGAAAUGU	11182	ACAUUUCC CUGAUGAG GCCGUUAGGC CGAA IGGAAAGU	29557
6641 4389 AUGUCCGC C GUUCUCUC 11184 GAGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICGACAU 29559 6646 4384 CGCCGUUCU C UCAAUCCAC 11185 GAGAUGAG CUGAUGAG GCCGUUAGGC CGAA IAACGGCG 29560 6648 4382 CCGUUCUC U CAAUCCAC 11186 GUGGAUUG CUGAUGAG GCCGUUAGGC CGAA IAAACGCG 29561 6650 4380 GUUCUCUC A AUCCACAU 11187 AUGUGGAU CUGAUGAG GCCGUUAGGC CGAA IAGAGCAG 29562 6654 4376 UCUCAAUC C ACAUAUCU 11188 AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAGACA 29563 6655 4375 CUCAAUCC A CAUAUCU 11188 AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAGAC 29563 66557 4373 CAUCCAC A UAUCUGU 11199 AACAGAUA CUGAUGAG GCCGUUAGGC CGAA IAUUGAGA 29563 66562 4368 CACAUAUC U GUUGAUUU 11191 AAAUCAAC CUGAUGAG GCCGUUAGGC CGAA IAUUGAGA 29566 6657 4358 UUGAUUCC C AGAAAUC 11192 AAUCAAC CUGAUGAG GCCGUUAGGC CGAA IAUAUGUG 29566 6672 4358 UUGAUUUC C CAGAAAUC 11192 GAUUUCU CUGAUGAG GCCGUUAGGC CGAA IAUAUGUG 29566 6674 4355 UGAUUUCC C AGAAAUCA 11193 UGAUUUCU CUGAUGAG GCCGUUAGGC CGAA IAAAUCAA 29567 6674 4356 GAUUUCCC A GAAAUCA 11194 GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA IAAAUCAA 29567 6681 4349 CAGAAAUC A CGAAACCA 11194 GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA IAAAUCAA 29569 6682 4338 AAAGCAGC A GAAACAU 11195 UGCUUUCC CUGAUGAG GCCGUUAGGC CGAA IAAAUCA 29569 6684 4341 ACGAAAGC A GCAAACAU 11195 UGCUUUCC CUGAUGAG GCCGUUAGGC CGAA IAAUUCUG 29570 6696 4334 CAGCAAAC A UGAGCCC C 11198 GGGCCUCA CUGAUGAG GCCGUUAGGC CGAA IAUUUCUG 29571 6696 4334 CAGCAAAC A UGAGCCC C 11198 GGGCCUCA CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU 29572 6702 4328 ACAUGAGC C CCGCGAUA 11197 CUCAUGUU CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU 29573 6704 4326 AUGAGCC C CCGCGAUAG 11201 ACUAUCGG CUGAUGAG GCCGUUAGGC CGAA ICUUCGU 29576 6704 4326 AUGAGCC C CCGCGAUAG 11201 ACUAUCGG CUGAUGAG GCCGUUAGGC CGAA ICUUCGU 29576 6714 4316 CGAUAGGC C GCGAUAGG 11201 ACUAUCGG CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU 29576 6726 4304 GAAUGGC A UGGAGCC C 11208 GAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCAUUC 29576 6726 4304 GAAUGGC A UGGAGCC C 11208 GAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCAUUC 29576 6734 4296 AUGAGCC C UCCGACG 11207 GCGCGCG CUGAUGAG GCCGUUAGGC CGAA ICCAUUC 29576 6734 4296 AUGAGCC C AGC		 	GAAAUGUC C GCCGUUCU	11183	AGAACGGC CUGAUGAG GCCGUUAGGC CGAA IACAUUUC	29558
6646				11184	GAGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICGGACAU	29559
6648 4382 CCGUUCUC U CAAUCCAC 11186 GUGGAUUG CUGAUGAG GCCGUUAGGC CGAA IAGAACGG 29561 6650 4380 GUUCUCUC A AUCCACAU 11187 AUGUGGAU CUGAUGAG GCCGUUAGGC CGAA IAGAGAAC 29563 6654 4376 UCUCAAUC C ACAUAUCU 11188 AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA IAGUGAGA 29563 6655 4375. CUCAAUCC A CAUAUCUG 11189 CAGAUAUG CUGAUGAG GCCGUUAGGC CGAA IAGUGAGA 29564 6657 4373 CAAUCCAC A UAUCUGUU 11190 AACAGAUA CUGAUGAG GCCGUUAGGC CGAA IAGUGAGA 29566 6662 4368 CACAUAUCC U GUUGAUUU 11191 AAAUCAAC CUGAUGAG GCCGUUAGGC CGAA IAGUGAGA 29566 6662 4368 CACAUAUC U GUUGAUUU 11191 AAAUCAAC CUGAUGAG GCCGUUAGGC CGAA IAGUGAGA 29566 6673 4357 UGAUUUCC C AGAAAUC 11192 GAUUUCUG CUGAUGAG GCCGUUAGGC CGAA IAAUCAA 29567 6673 4357 UGAUUUCC C AGAAAUC 11193 UGAUUUUC CUGAUGAG GCCGUUAGGC CGAA IAAAUCAA 29568 6674 4356 GAUUUCCC A GAAAUCA 11194 GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA IAAAUCA 29568 6681 4349 CAGAAACA C AGAAACAU 11195 UGCUUUCG CUGAUGAG GCCGUUAGGC CGAA IAGAAUC 29569 6688 4341 ACGAAACA A CGAAACAU 11196 AUGUUUCC CUGAUGAG GCCGUUAGGC CGAA IACUCGU 29571 6692 4338 AAAGCACA A AACAUGAG 11197 CUCAUGUU CUGAUGAG GCCGUUAGGC CGAA ICUUCGU 29571 6692 4338 AAAGCACA A AACAUGAG 11197 CUCAUGUU CUGAUGAG GCCGUUAGGC CGAA ICUUCGU 29572 6696 4334 CAGCAAAC A UGAGCCC 11198 GGGGCUC CUGAUGAG GCCGUUAGGC CGAA ICUUCGU 29573 6702 4328 ACAUGACC C CCGCGAUAG 11200 CUCAUGGU CUGAUGAG GCCGUUAGGC CGAA ICUUCGU 29573 6704 4326 AUGAGCC C CCGCGAUAG 11200 CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA ICUCCUU 29576 6704 4326 AUGAGCC C GCGAUAG 11200 CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA ICUCCUU 29576 6714 4316 CGAUAGC A UUGGAAGC 11200 CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA ICUCCUU 29576 6726 4305 GGAAUGC A UUGGAAGC 11200 CUAUCGG CUGAUGAG GCCGUUAGGC CGAA ICUCCAUG 29576 6734 4296 AUGAGCC A UGGAGUC 11206 GCCGUUAGGC CUGAUGAG GCCGUUAGGC CGAA ICCCUCC 29578 6734 4296 AUGAGCC A UGGAGUC 11206 GCCGUUAGGC CUGAUGAG GCCGUUAGGC CGAA ICCCUCC 29578 6740 4290 UCAAUGC A AUGUCAAG 11201 CUAUCGG CUGAUGAG GCCGUUAGGC CGAA IACUCCAU 29586 6740 4290 UCAAUGC A AUGGACC CUGAGGC CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA IACUCCAU 29586 6753 4276 CUCACCCC CUCCGACG				11185	GGAUUGAG CUGAUGAG GCCGUUAGGC CGAA IAACGGCG	29560
6650 4380 GUUCUCUC A AUCCACAU 11187 AUGUGGAU CUGAUGAG CCGUUAGGC CGAA IAGAGAAC 29562 6654 4376 UCUCAAUC C ACAUAUCU 11188 AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA IAUUGAGA 29563 6655 4375. CUCAAUCC A CAUAUCUG 11189 CAGAUAUG CUGAUGAG GCCGUUAGGC CGAA IAUUGAGA 29564 6657 4373 CAAUCCAC A UAUCUGUU 11190 AACAGAUA CUGAUGAG GCCGUUAGGC CGAA IGAUUGAG 29565 6662 4368 CACAUAUC U GUUGAUUU 11191 AAAGACAA CUGAUGAG GCCGUUAGGC CGAA IAUAUGUG 29566 6672 4358 UUGAUUUC C CAGAAAUCA 11192 GAUUUCU CUGAUGAG GCCGUUAGGC CGAA IAUAUCUG 29566 6673 4357 UGAUUCCC A GAAAUCA 11193 UGAUUUCU CUGAUGAG GCCGUUAGGC CGAA IAUAUCUA 29567 6674 4356 GAUUUCCC A GAAAUCA 11194 UGAUUUC CUGAUGAG GCCGUUAGGC CGAA IAUAUCUA 29566 6681 4349 CAGAAAUCA CAGAAAUCA 11195 UGCUUUCG CUGAUGAG GCCGUUAGGC CGAA IAUAUCUA 29569 6689 4341 ACGAAAGC A GCAAACAU 11196 AUGUUUC CUGAUGAG GCCGUUAGGC CGAA IAUAUCUG 29570 6689 4341 ACGAAAGC A GCAAACAU 11196 AUGUUUCC CUGAUGAG GCCGUUAGGC CGAA IAUUUCUG 29571 6696 4334 CAGCAAAC A UGAGCCCC 11198 GGGGCCCC CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU 29573 6702 4328 ACAUGAGC C CCGCGAUA 11199 UAUCGCGC CUGAUGAG GCCGUUAGGC CGAA ICUUCCUU 29573 6704 4326 ACAUGAGC C CGCGGAUAG 11200 CUAUCGGC CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU 29576 6704 4326 ACAUGAGC C CGCGGAUAG 11200 CUAUCGGC CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU 29576 6704 4326 ACAUGAGC C CGCGAUAG 11200 CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA ICUCAUG 29576 6704 4326 ACAUGAGC A UGAGCCC 11198 GGGGCCCA CUGAUGAG GCCGUUAGGC CGAA ICUCAUG 29576 6704 4326 ACAUGAGC A UGAGCCC UCAUGAG CUGAUGAG GCCGUUAGGC CGAA ICUCAUG 29576 6704 4326 ACAUGAGC A UGGAGCC CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA ICUCAUG 29576 6704 4326 ACAUGAGC A UGGAGCC CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA ICUCAUG 29576 6704 4326 AUGAGCC A UGGAGCC CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA ICUCAUC 29578 6705 4306 GAAUGGC A UGGAGCC CUGAUGAG GCCGUUAGGC CGAA ICCAUUC 29578 6706 4307 AGACCCC AUGGAGC CUGAUGAG GCCGUUAGGC CGAA IACCAUUC 29578 6707 AUGAGCC CUGAGGAGC CUGAUGAG GCCGUUAGGC CGAA IACCAUUC 29578 6708 AUGAGCC CUGAGGAGC CUGAGGAG CUGAUGAG GCCGUUAGGC CGAA IACCAUUC 29578 6708 AUGAGCC CUGCAGCC CUCCGAC 11				11186	GUGGAUUG CUGAUGAG GCCGUUAGGC CGAA IAGAACGG	29561
6654 4376				11187	AUGUGGAU CUGAUGAG GCCGUUAGGC CGAA IAGAGAAC	29562
6655 4375 CUCAAUCC A CAUAUCUG 11189 CAGAUAUG CUGAUGAG GCCGUUAGGC CGAA IGAUUGAG 6657 4373 CAAUCCAC A UAUCUGUU 11190 AACAGAUA CUGAUGAG GCCGUUAGGC CGAA IGGAUUG 29565 6662 4368 CACAUAUC U GUUGAUUU 11191 AAUCAAC CUGAUGAG GCCGUUAGGC CGAA IAUAUGUG 29565 6672 4358 UUGAUUUC C CAGAAAUC 11192 GAUUUCUG CUGAUGAG GCCGUUAGGC CGAA IAAAUCAA 29567 6673 4357 UGAUUUCC C AGAAAUCA 11193 UGAUUUCU CUGAUGAG GCCGUUAGGC CGAA IAAAUCAA 29568 6674 4356 GAUUUCCC A GAAAUCA 11194 GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA IGAAAUCA 29569 6689 4349 CAGAAAUC A CGAAACAU 11195 UGCUUUCG CUGAUGAG GCCGUUAGGC CGAA IGAAAUCA 29569 6689 4344 ACAUGAG GCAAACAU 11195 UGCUUUCG CUGAUGAG GCCGUUAGGC CGAA IAAAUCA 29570 6689 4334 CAGCAACAU 11196 AUGUUUC CUGAUGAG GCCGUUAGGC CGAA IAUUUCUC 29570 6696 4334 CAGCAACAU 11196 AUGUUUC CUGAUGAG GCCGUUAGGC CGAA IAUUUCUC 29570 6702 4328 ACAUGAGC A AACAUGAG 11197 CUCAUGUU CUGAUGAG GCCGUUAGGC CGAA ICUUCGUU 29571 6702 4328 ACAUGAGC C CGCGGAUAG 11199 UAUCGCGG CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU 29576 6704 4326 AUGAGCC C CGCGAUAG 11200 CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU 29576 6704 4326 AUGAGCC C GCGAUAGU 11200 CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU 29576 6704 4326 AUGAGCC C GCGAUAGU 11200 CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU 29576 6704 4326 AUGAGCC C GCGAUAGU 11200 CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA ICUCAUG 29576 6704 4326 AUGAGCC C GCGAUAGU 11200 CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA ICUCAUG 29576 6704 4326 AUGAGCC C AUGAGAU 11201 ACUAUCGC CUGAUGAG GCCGUUAGGC CGAA IGCCAUC 29576 6725 4305 GGAAUGCC A UGGAGUC 11201 GACUCAU CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29577 6725 4305 GGAAUGCC A UGGAGUC 11201 GACUCCA CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29577 6726 4304 GAAUGCC A UGGAGUC 11201 GACUCCA CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29577 6726 4304 GAAUGCC A UGGAGUC 11201 GACUCCA CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29577 6726 4304 GAAUGCC A UGGAGCC 11206 GAAGCC CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29578 6736 44286 UGUCAGC A UGGAGCC 11206 GAGAGC CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29586 6744 4284 UCAAGCC A GCCCCC CCCCCCC 11209 GAGGCC CUGAUGAG GCCGUUAGGC CGAA				11188	AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA IAUUGAGA	29563
6657 4373 CAAUCCAC À UAUCUGUU 11190 AACAGAUA CUGAUGAG GCCGUUAGGC CGAA IUGGAUUG 29565 6662 4368 CACAUAUC U GUUGAUUU 11191 AAAUCAAC CUGAUGAG GCCGUUAGGC CGAA IAUAUGUG 29566 6672 4358 UUGAUUUC C CAGAAAUC 11192 GAUUUCUG CUGAUGAG GCCGUUAGGC CGAA IAAAUCAA 29567 6673 4357 UGAUUUCC C AGAAAUCA 11193 UGAUUUCU CUGAUGAG GCCGUUAGGC CGAA IAAAUCAA 29568 6674 4356 GAUUUCCC A GAAAUCA 11194 GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA IGAAAUCA 29568 6681 4349 CAGAAAUC A CGAAAGCA 11195 UGCUUUCG CUGAUGAG GCCGUUAGGC CGAA IGAAAUCA 29569 6689 4341 ACGAAAGC A GCAAACAU 11196 AUGUUUCC CUGAUGAG GCCGUUAGGC CGAA IAUUUCUGU 29570 6692 4338 AAAGCAGC A GCAAACAU 11196 AUGUUUCC CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU 29571 6692 4338 AAAGCAGC A AACAUGAG 11197 CUCAUGUU CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU 29572 6696 4334 CAGCAAACA A UGAGCCC 11198 GGGCCUCA CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU 29573 6702 4328 ACAUGAGC C CCGCGAUA 11199 UAUCGCG CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU 29573 6704 4326 AUGAGCCC C GCGAUAGU 11201 ACUAUCGC CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU 29576 6704 4326 AUGAGCCC C GCGAUAGU 11201 ACUAUCGC CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU 29576 6714 4316 CGAUAGUC A UUGGAAUG 11201 ACUAUCGC CUGAUGAG GCCGUUAGGC CGAA IGCUCAUG 29576 6726 4304 GAAUGGC C AUGGAGUC 11203 GACUCCAU CUGAUGAG GCCGUUAGGC CGAA IGCUCAUG 29576 6734 4226 AUGAGCC A UGGAGUC 11203 GACUCCAU CUGAUGAG GCCGUUAGGC CGAA IGCUCAUC 29578 6726 4304 GAAUGGC A UGGAGUC 11203 GACUCCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUUC 29578 6726 4304 GAAUGCC A UGGAGUC 11203 GACUCCAU CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29578 6726 4304 GAAUGCC A UGGAGUC 11203 GACUCCAU CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29578 6726 4304 GAAUGCC A UGGAGCC CGAGC CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29578 6726 4304 GAAUGCC A GCCCUCC 11209 GAGGCC CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29580 6740 4280 UCAAUGC A AGCUCCC CGAGC CUGAGGC CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29580 6740 4280 UCAAUGC A AGCUCCC COGCAGC CUGAGGC CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29580 6740 4280 GCCGUCC A GCCCUCC 11209 GAGGGCU CUGAUGAG GCCGUUAGGC CGAA IACUAUC 29580 6740 4280 GCCGUCC A GCCCUCC 11209 GAGGGCU CUGA				11189	CAGAUAUG CUGAUGAG GCCGUUAGGC CGAA IGAUUGAG	29564
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	6832	4198				-
1916 ADCAGUCC A GECAGCAR 11231 UUGCUGCU CUGAUGAG GCCGUUAGGC CGAA IACUGAUU 29	6836	4194				29604
\$4195	6840	4190	AUGCAAUC A GUCCAGCA	11230		29605
1982 1179 CCAGCAGC A AGGANGAN 11234 MUGAUGU CUGANDAG GCCGUNAGGC CGAA ICUGGACU 29	6844	4186	AAUCAGUC C AGCAGCAA	11231		29606
1985 1173	6845	4185	AUCAGUCC A GCAGCAAG	11232		29607
1972 CARGGAIC A UGGGGUUG 11235 CARCCCCA CUGAUGAG GCCGUUAGGC CGAA IAUCCUUG 29 1874 1156 GAARAGUC C UGUUGAGG 11236 CCUCARAC CUGAUGAG GCCGUUAGGC CGAA IAUCCUUG 29 1875 ARAGUC U GUUGAGG 11237 GCCUCARAC CUGAUGAG GCCGUUAGGC CGAA IACUUUUU 29 1876 6874 4146 GUUGAGGC CARGCAUAG 11237 GCCUCARAC CUGAUGAG GCCGUUAGGC CGAA ICCUCARAC 25 1879 4140 GCUAGAGC CARGCAUAG 11238 UUGGCUC CUGAUGAG GCCGUUAGGC CGAA ICCUCARAC 25 1899 41139 CUAGAGCC A GACAUAG 11240 GCUAUGCU CUGAUGAG GCCGUUAGGC CGAA ICCUCARAC 25 1891 41139 CUAGAGCC A GACAUAG 11241 GCUAUGCU CUGAUGAG GCCGUUAGGC CGAA ICCUCARAC 25 1890 41130 AGCALAGC A UAGCAGAC 11241 GCUAUGCU CUGAUGAG GCCGUUAGGC CGAA ICCUCAGC 25 1890 4126 UAGCAGAC A UAGCAGAC 11242 AGCAAGUC CUGAUGAG GCCGUUAGGC CGAA ICCUGAUGCU 25 1890 4126 UAGCAGAC U CCUUCCUU 11244 AAGAAAGG CUGAUGAG GCCGUUAGGC CGAA ICCUGCUC 25 1891 4120 ACUUGCUC UUCUUUUU 11246 AAGAAAGG CUGAUGAG GCCGUUAGGC CGAA ICCUGCUC 25 1891 4115 CUCCUUUC UUUUUUCCA 11242 AAGAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAGCUC 25 1891 4115 CUCCUUUC UUUUUCCA 11249 AAGAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAGCUC 25 1891 4115 CUCCUUUC UUUUUCCA 11249 AGGAGGC CUGAUGAG GCCGUUAGGC CGAA ICCAGACC 25 1892 4104 UUUGCAGC UGCCCCU 11249 AGGAGGAC CUGAUGAG GCCGUUAGGC CGAA ICCACAAA 25 1892 4104 UUUGCAGC UCCUCUCU 11249 AGGAGGAC CUGAUGAG GCCGUUAGGC CGAA ICCACAA 25 1893 4099 ACCUCCCC UCCUCUCU 11250 AGGAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCACAA 25 1893 4099 ACCUCCCC UCCUCUCC 11251 AGAAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGCACA 126 AGGAGGAC CUG	6848	4182	AGUCCAGC A GCAAGGAU	11233		29608
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6875			GAAAAGUC C UGUUGAGG	11236	CCUCAACA CUGAUGAG GCCGUUAGGC CGAA IACUUUUC	29611
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6935 4094 CACUCCUC U CUUCUCCC 11253 GGGAGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGUGCA 25 6936 4094 CACUCCUC U UCUCCCUG 11254 CAGGGAGA CUGAUGAG GCCGUUAGGC CGAA IAGAGGUG 25 6939 4091 UCCUCUUC U CCCUGAUC 11255 GAUCAGGG CUGAUGAG GCCGUUAGGC CGAA IAGAGAGA 25 6941 4089 CUCUUCUC C CUGAUCAA 11256 UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAGAGA 25 6942 4088 UCUUCUCC C UGAUCAAG 11257 CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAGAGAGA 25 6943 4087 CUUCUCCC U GAUCAAG 11258 GCUUGAUC CUGAUGAG GCCGUUAGGC CGAA IAGAGAGA 25 6948 4082 CCCUGAUC A AGCUGCCU 11259 AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAGAGAG 25 6952 4078 GAUCAGGC U GCCUAUUC 11260 GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 25 6955 4075 CAAGCUGC C UAUUCCGA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC 25 6956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG 25 6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGAGU CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG 25 6966 4064 UUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG 25 6966 4064 UUCCGAC A UCAACAGC 11265 GCUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IAGAGGC 26 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGA CUGAUGAG GCCGUUAGGC CGAA IAGAGGC 26 6972 4058 CCAUCAAC A GCAGUAUC 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAGAGGAA 26 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGGAA 26 6975 4055 UCAACAGC A GCAGUACC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGGAA 26 6989 4061 CGACCAUC A ACAGCAGU 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGGC 26 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGGC 26 6974 4049 GCAGUAUC C UGUACACA 11269 UGUGUAC CUGAUGAG GCCGUUAGGC CGAA IAUGGGC 26 6981 4049 GCAGUAUC C UGACACA 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGCUG 26 6982 4048 CAGUAUCC C UGACACA 11267 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IAUACUG 26 6989 4041 CUGUACAC A UCCAGAU 11270 AUGUGAA CUGAUGAG GCCGUUAGGC CGAA IAUACUG 26 6989 4041 CUGUACAC A UCCAGAU 11270 AUGUGAA CUGAUGAG GCCGUUAGGC CGAA IAUACUG 26 6989 4041 CUGUACAC A UCCAGAU 11271 AUGUGAA CUGAUGAG GCCGUUAGGC CGAA IAUACUG 26 6992 4038 UACACAUC	6931	4099				29626
6936 4094 CACUCCUC U UCUCCCUG 11254 CAGGGAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAGUG 25 6939 4091 UCCUCUUC U CCCUGAUC 11255 GAUCAGGG CUGAUGAG GCCGUUAGGC CGAA IAAGAGGA 25 6941 4089 CUCUUCUC C CUGAUCAA 11256 UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAAGAGGA 25 6942 4088 UCUUCUCC C UGAUCAAG 11257 CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG 25 6943 4087 CUUCUCCC U GAUCAAG 11258 GCUUGAUC CUGAUGAG GCCGUUAGGC CGAA IAGAAGAA 25 6948 4082 CCCUGAUC A AGCUGCCU 11259 AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 25 6952 4078 GAUCAAGC U GCCUAUUC 11260 GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC 25 6955 4075 CAAGCUGC C UAUUCCGA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICUGAUC 25 6956 4074 AAGCUGC C UAUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUUC 25 6956 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IACAGCUU 25 6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IACAGCCU 25 6966 4064 UUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IACAGCCU 25 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IGCAGCUU 25 6972 4058 CCAUCAAC A GCAGUAUC 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 25 6974 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 25 6975 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 25 6975 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 25 6975 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 25 6975 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGCUGA 25 6981 4049 GCAGUAUC C UGAUCACA 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 25 6982 4048 CAGUAUCC U GUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 25 6982 4048 CAGUAUCC U GUACACA 11270 UGUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 25 6989 4041 CUGUACAC A UCCAGAA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 25 6989 4041 CUGUACAC A UCCAGAA 11271 UCUGGAUGA GCCGUUAGGC CGAA IAUACUGC 25 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 25	6933	4097	CUGCACUC C UCUUCUCC			29627
6939 4091 UCCUCUC U CCUGAUCA 11255 GAUCAGGG CUGAUGAG GCCGUUAGGC CGAA IAAGAGGA 256941 4089 CUCUUCUC C CUGAUCAA 11256 UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG 256942 4088 UCUUCUCC C UGAUCAAG 11257 CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG 256943 4087 CUUCUCCC U GAUCAAGC 11258 GCUUGAUC CUGAUGAG GCCGUUAGGC CGAA IGGAGAAG 256948 4082 CCCUGAUC A AGCUGCUU 11259 AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 256952 4078 GAUCAAGC U GCCUAUUC 11260 GAAUAAGGC CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 256952 4075 CAAGCUGC C UAUUCCGAA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC 256956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUU 256956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUU 256956 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAUCAGGC 256956 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGC 256956 4064 UUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGAAU 256969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 256972 4058 CCAUCAAC A GCAGUAUC 11266 ACUGCUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 256972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 256972 4058 CCAUCAAC A GCAGUAUC 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IUUCAUGA 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IUUCAGG 6981 4048 CAGUACAC A UCCAGAU 11270 AUGUGAC CUGAUGAG GCCGUUAGGC CGAA IUACAGG 6981 4041 CUGUACAC A UCCAGAUU 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGG 6982 4048 CAGUACAC A UCCAGAUU 11271 UCUGGAUG C	6934	4096	UGCACUCC U CUUCUCCC	11253		29628
6941 4089 CUCUUCUC C CUGAUCAA 11256 UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG 256942 4088 UCUUCUCC C UGAUCAAG 11257 CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IGAAGAAG 256943 4087 CUUCUCCC U GAUCAAGC 11258 GCUUGAUC CUGAUGAG GCCGUUAGGC CGAA IGAGAAGA 256948 4082 CCCUGAUC A AGCUGCCU 11259 AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 256952 4078 GAUCAAGC U GCCUAUUC 11260 GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 256952 4075 CAAGCUGC C UAUUCCGA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC 256956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUU 256956 4074 AAGCUGC C AUCAACAG 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAUCAGGC 256956 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAUAGGC 256956 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IAUAGGC 256956 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUAGGC 256959 4061 CGACCAUC A ACAGCAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGC 256959 4061 CGACCAUC A ACAGCAGC 11266 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGUC 256959 4058 CCAUCAAC A GCAGUAUC 11266 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGUC 256952 4058 CCAUCAAC A GCAGUAUC 11266 GUGAUGAG GCCGUUAGGC CGAA IAUGGUC 256952 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 256952 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 256952 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 256952 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 256952 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 256952 4058 CCAUCAAC A CAUCACAA 11269 UGUGACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 256952 4058 CCAUCACA 11267 UGUGACAC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 256952 4058 CCAUCACA 11267 UGUGACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 256952 4058 CCAUCACA 11267 UGUGACA CUGAUGAG GCCGUUAGGC CGAA IAUACUG 256952 4058 CAGUAUCC U GUACACA 11269 UGUGACA CUGAUGAG GCCGUUAGGC CGAA IAUACUG 256952 4058 UACACAC A CAUCACA 11267 UGUGACA CUGAUGAG GCCGUUAGGC CGAA IAUACUG 25695	6936	4094	CACUCCUC U UCUCCCUG	11254		29629
6942 4088 UCUUCUCC C UGAUCAAG 11257 CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IGAGAAGA 25 6943 4087 CUUCUCCC U GAUCAAGC 11258 GCUUGAUC CUGAUGAG GCCGUUAGGC CGAA IGAGAAG 25 6948 4082 CCCUGAUC A AGCUGCCU 11259 AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 25 6952 4078 GAUCAAGC U GCCUAUUC 11260 GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC 25 6955 4075 CAAGCUGC C UAUUCCGA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICAGCUU 25 6956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA IAAUAGGC 25 6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAUAGGC 25 6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 25 6966 4064 UUCCGACC A UCAACAG 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUCGGAA 25 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IUUGAUGA 25 6972 4058	6939	4091	UCCUCUUC U CCCUGAUC	11255		29630
6943 4087 CUUCUCCC U GAUCAAGC 11258 GCUUGAUC CUGAUGAG GCCGUUAGGC CGAA IGGAGAAG 29 6948 4082 CCCUGAUC A AGCUGCCU 11259 AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 29 6952 4078 GAUCAAGC U GCCUAUUC 11260 GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC 29 6955 4075 CAAGCUGC C UAUUCCGAA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG 29 6956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUU 29 6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAAUAGGC 29 6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IACAGGCU 29 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 29 6969 4061 CGACCAUC A ACAGCAGU 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29 6989 4041 CUGUACAC A UCCAGAUU 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGACAGG 29	6941	4089	CUCUUCUC C CUGAUCAA	11256	UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG	29631
6948 4082 CCCUGAUC A AGCUGCCU 11259 AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 2952 4078 GAUCAAGC U GCCUAUUC 11260 GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC 29655 4075 CAAGCUGC C UAUUCCGA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG 29656 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUU 29661 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAAUAGGC 29665 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IACAGAGU 29666 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 29669 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29692 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGA 29692 4048 CAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IUUGAUGA 29698 4041 CUGAUACA A CAUCCAGA 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29698 4041 CUGUACAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29698 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29699 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29699 4041 CUGUACAC A UCCAGAUU 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29699 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29699 4048 CAGUACC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29699 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29699 4041 CUGACACU C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29699 4041 CUGACACU C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29699 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29699 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29699 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29699 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29699 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29699 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAU		4088	UCUUCUCC C UGAUCAAG	11257	CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IGAGAAGA	29632
6948 4082 CCCUGAUC A AGCUGCCU 11259 AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 25 6952 4078 GAUCAAGC U GCCUAUUC 11260 GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC 25 6955 4075 CAAGCUGC C UAUUCCGA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG 25 6956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA IGCAGCUU 25 6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAUAGGC 25 6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 25 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 25 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 25 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 25 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGA 25 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 25 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 25 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 26 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 26 6989 4041 CUGUACAC A UCCAGAUU 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGACAGG 26 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 26 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 26	6943	4087	CUUCUCCC U GAUCAAGC	11258		29633
6952 4078 GAUCAAGC U GCCUAUUC 11260 GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC 25 6955 4075 CAAGCUGC C UAUUCCGA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG 25 6956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA IGCAGCUU 25 6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAAUAGGC 25 6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 25 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 25 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 25 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 25 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGA 25 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 25 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 25 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 26 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGACAGG 26 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGACAGG 26 6989 4041 CUGUACAC A UCCAGAUU 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGACAGG 26 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 26 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 26		4082	CCCUGAUC A AGCUGCCU	11259	AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG	29634
6955 4075 CAAGCUGC C UAUUCCGA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG 29 6956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA IGCAGCUU 29 6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAAUAGGC 29 6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 29 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 29 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGA 29 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29 6989 4041 CUGUACAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUCACAGG 29 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGACAGG 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29				11260	GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC	29635
6956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA IGCAGCUU 25 6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAAUAGGC 25 6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 25 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 25 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 25 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 25 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 25 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 25 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 25 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 26 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGACAG 26 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGACAG 26 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 26 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 26 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 26					UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG	29636
6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAAUAGGC 29 6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 29 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 29 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29 6989 4041 CUGUACAC A UCCAGAUU 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29						29637
6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 29 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 29 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29				+		29638
6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 29699 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 296972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 296975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 296981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 296982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 296987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 296989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 296992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 296992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 296992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 296992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 296992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 296992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 296992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29690 COGAUGAGG CCGAA IAUGUGUA 29690 COGAA IAUGUGA 29690 COGAA IAUGUGUA 29600 COGAA IAUGAA 29600 COGAA IAUGAA 29600 COGAA IAUGAA 29600 COGAA IAUGUGUA 29600 COGAA IAUGUA 29600 COGAA IAUGUA 29600 COGAA IAUG						29639
6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29						29640
6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29					L	29641
6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 25 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 25 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 25 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 25 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 25 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 25					<u> </u>	29642
6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29				+		29643
6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29						29644
6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29				+		29645
6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29					<u> </u>	29646
6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29						
						29647
16993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29						29648
	6993	4037				29649
6999 4031 CCAGAUUC A AGCAUCUC 11275 GAGAUGCU CUGAUGAG GCCGUUAGGC CGAA IAAUCUGG 29	6999	4031	CCAGAUUC A AGCAUCUC	11275	GAGAUGCU CUGAUGAG GCCGUUAGGC CGAA IAAUCUGG	29650

Table IX

7003	4027	AUUCAAGC A UCUCAGCC	11276	GGCUGAGA CUGAUGAG GCCGUUAGGC CGAA ICUUGAAU	29651
7006	4024	CAAGCAUC U CAGCCCGG	11277	CCGGGCUG CUGAUGAG GCCGUUAGGC CGAA IAUGCUUG	29652
7008	4022	AGCAUCUC A GCCCGGGU	11278	ACCCGGGC CUGAUGAG GCCGUUAGGC CGAA IAGAUGCU	29653
7011	4019	AUCUCAGC C CGGGUGUU	11279	AACACCCG CUGAUGAG GCCGUUAGGC CGAA ICUGAGAU	29654
7012	4018	UCUCAGCC C GGGUGUUA	11280	UAACACCC CUGAUGAG GCCGUUAGGC CGAA IGCUGAGA	29655
7023	4007	GUGUUAGC A GGGCUAGC	11281	GCUAGCCC CUGAUGAG GCCGUUAGGC CGAA ICUAACAC	29656
7028	4002	AGCAGGGC U AGCAGCGG	11282	CCGCUGCU CUGAUGAG GCCGUUAGGC CGAA ICCCUGCU	29657
7032	3998	GGGCUAGC A GCGGAACA	11283	UGUUCCGC CUGAUGAG GCCGUUAGGC CGAA ICUAGCCC	29658
7040	3990	AGCGGAAC A ACCACGUU	11284	AACGUGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCGCU	29659
7043	3987	GGAACAAC C ACGUUUGA	11285	UCAAACGU CUGAUGAG GCCGUUAGGC CGAA IUUGUUCC	29660
7044	3986	GAACAACC A CGUUUGAU	11286	AUCAAACG CUGAUGAG GCCGUUAGGC CGAA IGUUGUUC	29661
7073	3957	GUUAUGGC U CUCAGUAU	11287	AUACUGAG CUGAUGAG GCCGUUAGGC CGAA ICCAUAAC	29662
7075	3955	UAUGGCUC U CAGUAUCA	11288	UGAUACUG CUGAUGAG GCCGUUAGGC CGAA IAGCCAUA	29663
7077	3953	UGGCUCUC A GUAUCAUC	11289	GAUGAUAC CUGAUGAG GCCGUUAGGC CGAA IAGAGCCA	29664
7083	3947	UCAGUAUC A UCCAAGCU	11290	AGCUUGGA CUGAUGAG GCCGUUAGGC CGAA IAUACUGA	29665
7086	3944	GUAUCAUC C AAGCUACC	11291	GGUAGCUU CUGAUGAG GCCGUUAGGC CGAA IAUGAUAC	29666
7087	3943	UAUCAUCC A AGCUACCG	11292	CGGUAGCU CUGAUGAG GCCGUUAGGC CGAA IGAUGAUA	29667
7091	3939	AUCCAAGC U ACCGCCAG	11293	CUGGCGGU CUGAUGAG GCCGUUAGGC CGAA ICUUGGAU	
					29668
7094	3936	CAAGCUAC C GCCAGUGA	11294	UCACUGGC CUGAUGAG GCCGUUAGGC CGAA IUAGCUUG	29669
7097	3933	GCUACCGC C AGUGAAUU	11295	AAUUCACU CUGAUGAG GCCGUUAGGC CGAA ICGGUAGC	29670
7098	3932	CUACCGCC A GUGAAUUC	11296	GAAUUCAC CUGAUGAG GCCGUUAGGC CGAA IGCGGUAG	29671
7107	3923	GUGAAUUC A ACACAUCA	11297	UGAUGUGU CUGAUGAG GCCGUUAGGC CGAA IAAUUCAC	29672
7110	3920	AAUUCAAC A CAUCAGGG	11298	CCCUGAUG CUGAUGAG GCCGUUAGGC CGAA IUUGAAUU	29673
7112	3918	UUCAACAC A UCAGGGAU	11299	AUCCCUGA CUGAUGAG GCCGUUAGGC CGAA IUGUUGAA	29674
7115	3915	AACACAUC A GGGAUCUC	11300	GAGAUCCC CUGAUGAG GCCGUUAGGC CGAA IAUGUGUU	29675
7122	3908	CAGGGAUC U CCCAGAGC	11301	GCUCUGGG CUGAUGAG GCCGUUAGGC CGAA IAUCCCUG	29676
7124	3906	GGGAUCUC C CAGAGCAG	11302	CUGCUCUG CUGAUGAG GCCGUUAGGC CGAA IAGAUCCC	29677
7125	3905	GGAUCUCC C AGAGCAGA	11303	UCUGCUCU CUGAUGAG GCCGUUAGGC CGAA IGAGAUCC	29678
7126	3904	GAUCUCCC A GAGCAGAA	11304	UUCUGCUC CUGAUGAG GCCGUUAGGC CGAA IGGAGAUC	
\vdash		ļ			29679
7131	3899	CCCAGAGC A GAAUUUGG	11305	CCAAAUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUGGG	29680
7145	3885	UGGCGGGC A UCGUGAUA	11306	UAUCACGA CUGAUGAG GCCGUUAGGC CGAA ICCCGCCA	29681
7157	3873	UGAUAAGC C AUUUGAAA	11307	UUUCAAAU CUGAUGAG GCCGUUAGGC CGAA ICUUAUCA	29682
7158	3872	GAUAAGCC A UUUGAAAG	11308	CUUUCAAA CUGAUGAG GCCGUUAGGC CGAA IGCUUAUC	29683
7172	3858	AAGAAAAC A GCCGCCAA	11309	UUGGCGGC CUGAUGAG GCCGUUAGGC CGAA IUUUUCUU	29684
7175	3855	AAAACAGC C GCCAACAU	11310	AUGUUGGC CUGAUGAG GCCGUUAGGC CGAA ICUGUUUU	29685
7178	3852	ACAGCCGC C AACAUCAA	11311	UUGAUGUU CUGAUGAG GCCGUUAGGC CGAA ICGGCUGU	29686
7179	3851	CAGCCGCC A ACAUCAAC	11312	GUUGAUGU CUGAUGAG GCCGUUAGGC CGAA IGCGGCUG	29687
7182	3848	CCGCCAAC A UCAACAAA	11313	UUUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUUGGCGG	29688
7185	3845	CCAACAUC A ACAAAAUG	11314	CAUUUUGU CUGAUGAG GCCGUUAGGC CGAA IAUGUUGG	29689
7188	3842	ACAUCAAC A AAAUGUUC	11315	GAACAUUU CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU	29690
7197	3833	AAAUGUUC U CCUGGUUG	11316	CAACCAGG CUGAUGAG GCCGUUAGGC CGAA IAACAUUU	29691
7199	3831	AUGUUCUC C UGGUUGGU	11317	ACCAACCA CUGAUGAG GCCGUUAGGC CGAA IAGAACAU	29692
7200	3830	UGUUCUCC U GGUUGGUC	11318	GACCAACC CUGAUGAG GCCGUUAGGC CGAA IGAGAACA	29693
7209	3821	GGUUGGUC C AUCUCGCU	11319	AGCGAGAU CUGAUGAG GCCGUUAGGC CGAA IACCAACC	29694
7210	3820	GUUGGUCC A UCUCGCUU	11320	AAGCGAGA CUGAUGAG GCCGUUAGGC CGAA IGACCAAC	29695
7213	3817	GGUCCAUC U CGCUUUGA	11321	UCAAAGCG CUGAUGAG GCCGUUAGGC CGAA IAUGGACC	29696
7217	3813	CAUCUCGC U UUGAGAAA	11322	UUUCUCAA CUGAUGAG GCCGUUAGGC CGAA ICGAGAUG	29697
7232	3798	AACGAUGC C ACCAUAAA	11323	UUUAUGGU CUGAUGAG GCCGUUAGGC CGAA ICAUCGUU	29698
7233	3797	ACGAUGCC A CCAUAAAC	11324	GUUUAUGG CUGAUGAG GCCGUUAGGC CGAA IGCAUCGU	29699
7235	3795	GAUGCCAC C AUAAACAC	11325	GUGUUUAU CUGAUGAG GCCGUUAGGC CGAA IUGGCAUC	29700
7236	3794	AUGCCACC A UAAACACU	11326	AGUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGUGGCAU	29701
7242	3788	CCAUAAAC A CUGGUUGU	11327	ACAACCAG CUGAUGAG GCCGUUAGGC CGAA IUUUAUGG	29702
7244	3786	AUAAACAC U GGUUGUAU			
			11328	AUACAACC CUGAUGAG GCCGUUAGGC CGAA IUGUUUAU	29703
7254	3776	GUUGUAUC U UGAAGGUC	11329	GACCUUCA CUGAUGAG GCCGUUAGGC CGAA IAUACAAC	29704
7265	3765	AAGGUCGC C AUGAGCGC	11330	GCGCUCAU CUGAUGAG GCCGUUAGGC CGAA ICGACCUU	29705
7266	3764	AGGUCGCC A UGAGCGCC	11331	GGCGCUCA CUGAUGAG GCCGUUAGGC CGAA IGCGACCU	29706
7274	3756	AUGAGCGC C AAGUGUAC	11332	GUACACUU CUGAUGAG GCCGUUAGGC CGAA ICGCUCAU	29707
7275	3755	UGAGCGCC A AGUGUACC	11333	GGUACACU CUGAUGAG GCCGUUAGGC CGAA IGCGCUCA	29708
7283	3747	AAGUGUAC C ACGUCUCC	11334	GGAGACGU CUGAUGAG GCCGUUAGGC CGAA IUACACUU	29709
7284	3746	AGUGUACC A CGUCUCCU	11335	AGGAGACG CUGAUGAG GCCGUUAGGC CGAA IGUACACU	29710
7289	3741	ACCACGUC U CCUCCCGA	11336	UCGGGAGG CUGAUGAG GCCGUUAGGC CGAA IACGUGGU	29711
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7291	3739	CACGUCUC C UCCCGAAU	11337	AUUCGGGA CUGAUGAG GCCGUUAGGC CGAA IAGACGUG	29712
7292	3738	ACGUCUCC U CCCGAAUU	11338	AAUUCGGG CUGAUGAG GCCGUUAGGC CGAA IGAGACGU	29713
7294	3736	GUCUCCUC C CGAAUUAG	11339	CUAAUUCG CUGAUGAG GCCGUUAGGC CGAA IAGGAGAC	29714
7295	3735	UCUCCUCC C GAAUUAGA	11340	UCUAAUUC CUGAUGAG GCCGUUAGGC CGAA IGAGGAGA	29715
7307	3723	UUAGAUUC U GCGAAAGC	11341	GCUUUCGC CUGAUGAG GCCGUUAGGC CGAA IAAUCUAA	29716
7316	3714	GCGAAAGC U GCCCCCAC	11342	GUGGGGGC CUGAUGAG GCCGUUAGGC CGAA ICUUUCGC	29717
7319	3711	AAAGCUGC C CCCACCAA	11343	UUGGUGGG CUGAUGAG GCCGUUAGGC CGAA ICAGCUUU	29718
7320	3710	AAGCUGCC C CCACCAAG	11344	CUUGGUGG CUGAUGAG GCCGUUAGGC CGAA IGCAGCUU	29719
7321	3709	AGCUGCCC C CACCAAGA	11345	UCUUGGUG CUGAUGAG GCCGUUAGGC CGAA IGGCAGCU	29720
7322	3708	GCUGCCCC C ACCAAGAU	11346	AUCUUGGU CUGAUGAG GCCGUUAGGC CGAA IGGGCAGC	29721
7323	3707	CUGCCCCC A CCAAGAUG	11347	CAUCUUGG CUGAUGAG GCCGUUAGGC CGAA IGGGGCAG	29722
7325	3705	GCCCCCAC C AAGAUGAC	11348	GUCAUCUU CUGAUGAG GCCGUUAGGC CGAA IUGGGGGC	29723
7326	3704	CCCCCACC A AGAUGACA	11349	UGUCAUCU CUGAUGAG GCCGUUAGGC CGAA IGUGGGGG	29724
7334	3696	AAGAUGAC A UAGCGUAA	11350	UUACGCUA CUGAUGAG GCCGUUAGGC CGAA IUCAUCUU	29725
7344	3686	AGCGUAAC A CAUCAGUG	11351	CACUGAUG CUGAUGAG GCCGUUAGGC CGAA IUUACGCU	29726
7346	3684	CGUAACAC A UCAGUGUA	11352	UACACUGA CUGAUGAG GCCGUUAGGC CGAA IUGUUACG	29727
7349	3681	AACACAUC A GUGUAAGU	11353	ACUUACAC CUGAUGAG GCCGUUAGGC CGAA IAUGUGUU	29728
7363	3667	AGUAAUGC C CCCAAACA	11354	UGUUUGGG CUGAUGAG GCCGUUAGGC CGAA ICAUUACU	29729
7364	3666	GUAAUGCC C CCAAACAC	11355	GUGUUUGG CUGAUGAG GCCGUUAGGC CGAA IGCAUUAC	29730
7365	3665	UAAUGCCC C CAAACACC	11356	GGUGUUUG CUGAUGAG GCCGUUAGGC CGAA IGGCAUUA	29731
7366	3664	AAUGCCCC C AAACACCA	11357	UGGUGUUU CUGAUGAG GCCGUUAGGC CGAA IGGGCAUU	29732
7367	3663	AUGCCCCC A AACACCAG	11358	CUGGUGUU CUGAUGAG GCCGUUAGGC CGAA IGGGGCAU	29733
7371	3659	CCCCAAAC A CCAGGACU	11359	AGUCCUGG CUGAUGAG GCCGUUAGGC CGAA IUUUGGGG	29734
7373	3657	CCAAACAC C AGGACUAG	11360	CUAGUCCU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGG	29735
7374	3656	CAAACACC A GGACUAGC	11361	GCUAGUCC CUGAUGAG GCCGUUAGGC CGAA IGUGUUUG	29736
7379	3651	ACCAGGAC U AGCAGAGC	11362	GCUCUGCU CUGAUGAG GCCGUUAGGC CGAA IUCCUGGU	29737
7383	3647	GGACUAGC A GAGCAAUC	11363	GAUUGCUC CUGAUGAG GCCGUUAGGC CGAA ICUAGUCC	29738
7388	3642	AGCAGAGC A AUCAGUAU	11364	AUACUGAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGCU	29739
7392	3638	GAGCAAUC A GUAUAGCU	11365	AGCUAUAC CUGAUGAG GCCGUUAGGC CGAA IAUUGCUC	29740
7400	3630	AGUAUAGC U GGCAUGCU	11366	AGCAUGCC CUGAUGAG GCCGUUAGGC CGAA ICUAUACU	29741
7404	3626	UAGCUGGC A UGCUGAUC	11367	GAUCAGCA CUGAUGAG GCCGUUAGGC CGAA ICCAGCUA	29742
7408	3622	UGGCAUGC U GAUCUUGG	11368	CCAAGAUC CUGAUGAG GCCGUUAGGC CGAA ICAUGCCA	29743
7413	3617	UGCUGAUC U UGGCUGUC	11369	GACAGCCA CUGAUGAG GCCGUUAGGC CGAA IAUCAGCA	29744
7418	3612	AUCUUGGC U GUCCACCU	11370	AGGUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCAAGAU	29745
7422	3608	UGGCUGUC C ACCUCUUG	11371	CAAGAGGU CUGAUGAG GCCGUUAGGC CGAA IACAGCCA	29746
7423	3607	GGCUGUCC A CCUCUUGC	11372	GCAAGAGG CUGAUGAG GCCGUUAGGC CGAA IGACAGCC	29747
7425	3605	CUGUCCAC C UCUUGCGA	11373	UCGCAAGA CUGAUGAG GCCGUUAGGC CGAA IUGGACAG	29748
7426	3604	UGUCCACC U CUUGCGAA	11374	UUCGCAAG CUGAUGAG GCCGUUAGGC CGAA IGUGGACA	29749
7428	3602	UCCACCUC U UGCGAAGG	11375	CCUUCGCA CUGAUGAG GCCGUUAGGC CGAA IAGGUGGA	29750
7439	3591	CGAAGGAC C UCCUGGGU	11376	ACCCAGGA CUGAUGAG GCCGUUAGGC CGAA IUCCUUCG	29751
7440	3590	GAAGGACC U CCUGGGUG	11377	CACCCAGG CUGAUGAG GCCGUUAGGC CGAA IGUCCUUC	29752
7442	3588	AGGACCUC C UGGGUGGC	11378	GCCACCCA CUGAUGAG GCCGUUAGGC CGAA IAGGUCCU	29753
7443	3587	GGACCUCC U GGGUGGCC	11379	GGCCACCC CUGAUGAG GCCGUUAGGC CGAA IGAGGUCC	29754
7451	3579	UGGGUGGC C AAGAACAC	11380	GUGUUCUU CUGAUGAG GCCGUUAGGC CGAA ICCACCCA	29755
7452	3578	GGGUGGCC A AGAACACG	11381	CGUGUUCU CUGAUGAG GCCGUUAGGC CGAA IGCCACCC	29756
7458	3572	CCAAGAAC A CGACCAGA	11382	UCUGGUCG CUGAUGAG GCCGUUAGGC CGAA IUUCUUGG	29757
7463	3567	AACACGAC C AGAAGGCC	11383	GGCCUUCU CUGAUGAG GCCGUUAGGC CGAA IUCGUGUU	29758
7464	3566	ACACGACC A GAAGGCCC	11384	GGGCCUUC CUGAUGAG GCCGUUAGGC CGAA IGUCGUGU	29759
7471	3559	CAGAAGGC C CAACUGAA	11385	UUCAGUUG CUGAUGAG GCCGUUAGGC CGAA ICCUUCUG	29760
7472	3558	AGAAGGCC C AACUGAAA	11386	UUUCAGUU CUGAUGAG GCCGUUAGGC CGAA IGCCUUCU	29761
7473	3557	GAAGGCCC A ACUGAAAA	11387	UUUUCAGU CUGAUGAG GCCGUUAGGC CGAA IGGCCUUC	29762
7476	3554	GGCCCAAC U GAAAAGGG	11388	CCCUUUUC CUGAUGAG GCCGUUAGGC CGAA IUUGGGCC	29763
7487	3543	AAAGGGUC A AUCAUAUC	11389	GAUAUGAU CUGAUGAG GCCGUUAGGC CGAA IACCCUUU	29764
7491	3539	GGUCAAUC A UAUCAGCA	11390	UGCUGAUA CUGAUGAG GCCGUUAGGC CGAA IAUUGACC	29765
7496	3534	AUCAUAUC A GCAUUAUA	11391	UAUAAUGC CUGAUGAG GCCGUUAGGC CGAA IAUAUGAU	29766
7499	3531	AUAUCAGC A UUAUAAGC	11392	GCUUAUAA CUGAUGAG GCCGUUAGGC CGAA ICUGAUAU	29767
7508	3522	UUAUAAGC A UUCACUUG	11393	CAAGUGAA CUGAUGAG GCCGUUAGGC CGAA ICUUAUAA	29768
7512	3518	AAGCAUUC A CUUGUGAC	11394	GUCACAAG CUGAUGAG GCCGUUAGGC CGAA IAAUGCUU	29769
7514	3516	GCAUUCAC U UGUGACUG	11395	CAGUCACA CUGAUGAG GCCGUUAGGC CGAA IUGAAUGC	29770
7521	3509	CUUGUGAC U GCACGAGG	11396	CCUCGUGC CUGAUGAG GCCGUUAGGC CGAA IUCACAAG	29771
7524	3506	GUGACUGC A CGAGGGUC	11397	GACCCUCG CUGAUGAG GCCGUUAGGC CGAA ICAGUCAC	29772

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7533	3497	CGAGGGUC U UUUCAUCA	11398	UGAUGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCUCG	29773
7538	3492	GUCUUUUC A UCAUGUCU	11399	AGACAUGA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAC	29774
7541	3489	UUUUCAUC A UGUCUCUG	11400	CAGAGACA CUGAUGAG GCCGUUAGGC CGAA IAUGAAAA	29775
7546	3484	AUCAUGUC U CUGUGGUC	11401	GACCACAG CUGAUGAG GCCGUUAGGC CGAA IACAUGAU	29776
7548	3482	CAUGUCUC U GUGGUCUG	11402	CAGACCAC CUGAUGAG GCCGUUAGGC CGAA IAGACAUG	29777
7555	3475	CUGUGGUC U GAUCUCCA	11403	UGGAGAUC CUGAUGAG GCCGUUAGGC CGAA IACCACAG	29778
7560	3470	GUCUGAUC U CCAUACCA	11404	UGGUAUGG CUGAUGAG GCCGUUAGGC CGAA IAUCAGAC	29779
7562	3468	CUGAUCUC C AUACCAUA	11405	UAUGGUAU CUGAUGAG GCCGUUAGGC CGAA IAGAUCAG	29780
7563	3467	UGAUCUCC A UACCAUAC	11406	GUAUGGUA CUGAUGAG GCCGUUAGGC CGAA IGAGAUCA	29781
7567	3463	CUCCAUAC C AUACCAAC	11407	GUUGGUAU CUGAUGAG GCCGUUAGGC CGAA IUAUGGAG	29782
7568	3462	UCCAUACC A UACCAACA	11408	UGUUGGUA CUGAUGAG GCCGUUAGGC CGAA IGUAUGGA	29783
7572	3458	UACCAUAC C AACAGCCG	11409	CGGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUAUGGUA	29784
7573	3457	ACCAUACC A ACAGCCGC	11410	GCGGCUGU CUGAUGAG GCCGUUAGGC CGAA IGUAUGGU	29785
7576	3454	AUACCAAC A GCCGCUGU	11411	ACAGCGGC CUGAUGAG GCCGUUAGGC CGAA IUUGGUAU	29786
h		CCAACAGC C GCUGUCAG	11412	CUGACAGC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGG	29787
7579	3451				
7582	3448	ACAGCCGC U GUCAGUUU	11413	AAACUGAC CUGAUGAG GCCGUUAGGC CGAA ICGGCUGU	29788
7586	3444	CCGCUGUC A GUUUGGUA	11414	UACCAAAC CUGAUGAG GCCGUUAGGC CGAA IACAGCGG	29789
7599	3431	GGUAGCGC A GUGGUGGU	11415	ACCACCAC CUGAUGAG GCCGUUAGGC CGAA ICGCUACC	29790
7615	3415	UAAGGUGC A GCUCCUGC	11416	GCAGGAGC CUGAUGAG GCCGUUAGGC CGAA ICACCUUA	29791
7618	3412	GGUGCAGC U CCUGCAGC	11417	GCUGCAGG CUGAUGAG GCCGUUAGGC CGAA ICUGCACC	29792
7620	3410	UGCAGCUC C UGCAGCAC	11418	GUGCUGCA CUGAUGAG GCCGUUAGGC CGAA IAGCUGCA	29793
7621	3409	GCAGCUCC U GCAGCACC	11419	GGUGCUGC CUGAUGAG GCCGUUAGGC CGAA IGAGCUGC	29794
7624	3406	GCUCCUGC A GCACCAAU	11420	AUUGGUGC CUGAUGAG GCCGUUAGGC CGAA ICAGGAGC	29795
7627	3403	CCUGCAGC A CCAAUCUG	11421	CAGAUUGG CUGAUGAG GCCGUUAGGC CGAA ICUGCAGG	29796
7629	3401	UGCAGCAC C AAUCUGUU	11422	AACAGAUU CUGAUGAG GCCGUUAGGC CGAA IUGCUGCA	29797
7630	3400	GCAGCACC A AUCUGUUA	11423	UAACAGAU CUGAUGAG GCCGUUAGGC CGAA IGUGCUGC	29798
7634	3396	CACCAAUC U GUUAUCAA	11424	UUGAUAAC CUGAUGAG GCCGUUAGGC CGAA IAUUGGUG	29799
7641	3389	CUGUUAUC A ACUUUCCG	11425	CGGAAAGU CUGAUGAG GCCGUUAGGC CGAA IAUAACAG	29800
7644	3386	UUAUCAAC U UUCCGCUC	11426	GAGCGGAA CUGAUGAG GCCGUUAGGC CGAA IUUGAUAA	29801
7648	3382	CAACUUUC C GCUCUCUG	11427	CAGAGAGC CUGAUGAG GCCGUUAGGC CGAA IAAAGUUG	29802
7651	3379	CUUUCCGC U CUCUGUGG	11428	CCACAGAG CUGAUGAG GCCGUUAGGC CGAA ICGGAAAG	29803
7653	3377	UUCCGCUC U CUGUGGUG	11429	CACCACAG CUGAUGAG GCCGUUAGGC CGAA IAGCGGAA	29804
7655	3375	CCGCUCUC U GUGGUGGU	11430	ACCACCAC CUGAUGAG GCCGUUAGGC CGAA IAGAGCGG	29805
7673	3357	CGAGUGGC A GGUCCACG	11431	CGUGGACC CUGAUGAG GCCGUUAGGC CGAA ICCACUCG	29806
7678	3352	GGCAGGUC C ACGGUGUC	11432	GACACCGU CUGAUGAG GCCGUUAGGC CGAA IACCUGCC	29807
7679	3351	GCAGGUCC A CGGUGUCC	11433	GGACACCG CUGAUGAG GCCGUUAGGC CGAA IGACCUGC	29808
7687	3343	ACGGUGUC C GCAGCUCU	11434	AGAGCUGC CUGAUGAG GCCGUUAGGC CGAA IACACCGU	29809
7690	3340	GUGUCCGC A GCUCUCAC	11435	GUGAGAGC CUGAUGAG GCCGUUAGGC CGAA ICGGACAC	29810
7693	3337	UCCGCAGC U CUCACUCA	11436	UGAGUGAG CUGAUGAG GCCGUUAGGC CGAA ICUGCGGA	29811
7695	3335	CGCAGCUC U CACUCAGG	11437	CCUGAGUG CUGAUGAG GCCGUUAGGC CGAA IAGCUGCG	29812
7697	3333	CAGCUCUC A CUCAGGGU	11438	ACCCUGAG CUGAUGAG GCCGUUAGGC CGAA IAGAGCUG	29813
7699	3331	GCUCUCAC U CAGGGUGA	11439	UCACCCUG CUGAUGAG GCCGUUAGGC CGAA IUGAGAGC	29814
7701	3329	UCUCACUC A GGGUGACC	11440	GGUCACCC CUGAUGAG GCCGUUAGGC CGAA IAGUGAGA	29815
7709	3321	AGGGUGAC C GUAGUUCC			29816
7717	3313	CGUAGUUC C UGGGCAGU			29817
7718	3312		11443		29818
7723	3307		11444	UCGAUUAC CUGAUGAG GCCGUUAGGC CGAA ICCCAGGA	29819
7736	3294	UCGAAGUC A AUCUCUAC			29820
7740	3290	AGUCAAUC U CUACCCGG			29821
7742	3288	UCAAUCUC U ACCCGGCC		GGCCGGGU CUGAUGAG GCCGUUAGGC CGAA IAGAUUGA	29822
7745	3285	AUCUCUAC C CGGCCUUC			
7746	3284	UCUCUACC C GGCCUUCG			29823
7750	3280	UACCCGGC C UUCGUCCC			29824
7751	3279	ACCCGGCC U UCGUCCCA	11451	GGGACGAA CUGAUGAG GCCGUUAGGC CGAA ICCCGGGUA	29825
7757	3273	CCUUCGUC C CAUGGGCC		UGGGACGA CUGAUGAG GCCGUUAGGC CGAA IGCCGGGU	29826
					29827
7758	3272	CUUCGUCC C AUGGGCCC			29828
	3271	UUCGUCCC A UGGGCCCU		AGGGCCCA CUGAUGAG GCCGUUAGGC CGAA IGGACGAA	29829
7765	3265	CCAUGGGC C CUGGUUUU	11455	AAAACCAG CUGAUGAG GCCGUUAGGC CGAA ICCCAUGG	29830
7766	3264	CAUGGGCC C UGGUUUUG		CAAAACCA CUGAUGAG GCCGUUAGGC CGAA IGCCCAUG	29831
7767	3263	AUGGGCCC U GGUUUUGU	11457	ACAAAACC CUGAUGAG GCCGUUAGGC CGAA IGGCCCAU	29832
7779	3251	UUUGUGUC U UGUACCCA	11458	UGGGUACA CUGAUGAG GCCGUUAGGC CGAA IACACAAA	29833

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1985 1985	7785	3245				
1975 1975						
1795 1722 CAGEURUE C GARLIEGICA 1.465 UCACABUE CUBATIGA (COSUMBRIC COA) A CARLICA 29839 7815 3224 UCRUSANCE C COCCARUS 1.465 CACUGGCO CUBATIGA (COSUMBRIC CAA) A CARLICAC 29839 7816 3214 UCRUSANCE C COCCARUS 1.465 CACUGGCO CUBATIGA (COSUMBRIC CAA) A CARLICAC 29840 7820 3210 GOUCCOSC C AGUGUGUA 1.465 CACUGGCO CUBATIGA (COSUMBRIC CAA) A CACCACA 29841 7820 3210 GOUCCOSC C AGUGUGUAC 1.465 CACUGGCO CUBATIGA (COSUMBRIC CAA) A CACCACA 29841 7820 3210 GOUCCOSC C AGUGUGUAC 1.465 AGUCACAC CUBAUGA (COSUMBRIC CAA) A CACCACA 29841 7821 3209 GUCCOGCC A GUGUGUAC 1.465 AGUCACAC CUBAUGA (COSUMBRIC CAA) A CACCACA 29841 7829 3201 AGUGUGUAC GAGUGUAC 1.465 AGUCACAC CUBAUGA (COSUMBRIC CAA) A CUCACACA 29841 7829 3201 AGUGUGUAC CUGACAGA 1.465 AGUCACACA CUGACAGA CUCACAGA 1.465 29841 7844 3184 CAAGUCAC U CUCACAGA 1.4171 CUCACAGA CUGACAGA CUCACAGA 1.4171 CUCACAGA CUCACAGA 1.4171 CUCACAGA CUC	_					
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1921 AGUIUGA A RICANDAU 11469 AURALIAC CUGAUGAG COMA TUCACACU 19844 1386 AUCAGUC A NGUCACH 11470 GAGUAGU CUGAUGAG GCCGULAGGC COMA TULACAC 29845 7844 1386 AUCAGUC A CUGLAGA 11471 CUUGAGA CUGAUGAG GCCGULAGGC COMA TULACAC 29845 7846 1386 AUCAGUC U CUCAGGA 11471 CUUGAGA CUGAUGAG GCCGULAGGC COMA TULACAC 29847 7846 1382 AGUICACU U CUAAGGAU 11473 AUACUUU CUGAUGAGG GCCGULAGGC COMA TUCACAC 29847 7848 1382 AGUICACU U CAAGGAU 11473 GAAUCCUU CUGAUGAGG GCCGULAGGC COMA TAGAUGAC 29847 7858 1372 AAGGAUUC AUGAGUCAC 11475 GGAAUCCU CUGAUGAGG GCCGULAGGC COMA TAGAUGAC 29847 7858 1372 AAGGAUUC AUGAGUCAC 11475 GGGGCGAU LUCAUGAGG GCCGULAGGC COMA TAGAUGAC 29847 7858 1372 AAGGAUUC AUGAGUCAC 11475 GGGGCGAU LUCAUGAGG GCCGULAGGC COMA TAGAUGAC 29851 7864 3166 UCCAUCGC CACAAGGU 11476 UGGGGCGA CUGAUGAGG GCCGULAGGC COMA TAGAUCAC 29851 7865 3165 CCAUCGCC CACAAGGU 11478 ACCUUGUG CUGAUGAGG GCCGULAGGC GCAA TAGAUGAC 29852 7867 3163 AUGGCCCC CACAAGGU 11479 VACCUUGU CUGAUGAG GCCGULAGGC GCAA TAGAUGAC 29853 7867 3163 AUGGCCCC CACAAGGU 11480 GUCAUCACC CUGAUGAGG GCCGULAGGC GCAA TAGAGUGA 29853 7869 3161 GUCCCCAC CACAAGGU 11481 GCAUACCCU CUGAUGAGG GCCGULAGGC GCAA TAGAGGA 29853 7869 3161 GCCCCAC AGGUAUGA 11481 GCAUACCCU CUGAUGAG GCCGULAGGC GCAA TAGAGGA 29853 7883 3147 UCCAGGCC CACAAGGU 11481 GCAUACCCU CUGAUGAG GCCGULAGGC GCAA TAGAGGA 29853 7887 3143 UCCAGGCC AGGCACU 11481 AGGUACCC CUGAUGAGG GCAA TAGAGGA 29853 7887 3143 UCCAGGCC AGGUACAUC 11484 GUUCAGGC CUGAUGAGG GCAA TAGAGGA 29853 7887 3143 UCCAGGCC AGGUACAUC 11484 GUUCAGGC CUGAUGAGG GCAA TAGAGGA 29853 7887 3143 UCCAGGC AGGUACAUC 11485 GUUCAGGC CUGAUGAGG CGAA TAGAGGA 29854 78954 3145 CCACGGAC AGGUACAUC 11485 GUUCAGGC CUGAUGAGG CGAA TAGAGGA 2985						
7839 3191						
1984 1986						
1984 1984 CANGUCAC U CUCANGGA 11472 UCCUUGAG CUGAUGAG GCGA TUGACUU	7839					
1984 3182	7844					
7850 3180	7846	3184				
1985 3172 AAGGAUUC C AUGGCCCC 11475 GGGCGAU CUGAUGAG GCCGUUAGGC CGAA IAAUCCUU 29851 7885 3171 AGGAUUCC C UGGCCCCA 11476 UGGGCGCA CUGAUGAG GCCGUUAGGC CGAA IGAAUCCU 29857 7865 3165 UCCAUGGC C CACAAGGU 11478 ACCUUGUG CUGAUGAG GCCGUUAGGC CGAA IGAAUCCU 29857 7865 3165 CACUGGCC C CACAAGGU 11478 ACCUUGUG CUGAUGAG GCCGUUAGGC CGAA IGAGUGAG 29857 7866 3164 CAUGGCCC C ACAAGGU 11479 AUCCUUGU CUGAUGAG GCCGUUAGGC CGAA IGAGUGAG 29857 7866 3164 CAUGGCCC C ACAAGGU 11479 AUCCUUGU CUGAUGAG GCCGUUAGGC CGAA IGGCGAUG 29854 7867 3163 AUGCCCCC A AGGUAUC 11481 ACCUUGUG CUGAUGAG GCCGUUAGGC CGAA IGGCGAUG 29854 7867 3161 UAUGCGUCU CAGGCCAC 11482 GUGACCUC CUGAUGAG GCCGUUAGGC CGAA IGGCGAUG 29855 7869 3161 UAUGCGUCU CAGGCCAC 11482 GUGACCUC CUGAUGAG GCCGUUAGGC CGAA IGGCGAUG 29857 7881 3149 UAUGCGUCU CAGGCCAC 11483 ACGUGCCC CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29857 7887 3143 UCUCAGG C ACGUACAU 11484 ACGUGCCC CUGAUGAG GCCGUUAGGC CGAA IAGCCAUA 29857 7887 3143 UCUCAGC C AGGUACAU 11484 ACGUGCC CUGAUGAG GCCGUUAGGC CGAA IAGCCAUA 29859 7888 3142 CUCAGGCC A UGGUACAU 11485 CAUGUACG CUGAUGAG GCCGUUAGGC CGAA IAGCCGAA 29859 7894 3143 CACAGGCA UGCACCAG 11485 CAUGUACG CUGAUGAG GCCGUUAGGC CGAA IAGCCGAA 29859 7894 3145 CACAGUAC UGCACCAG 11485 CAUGUACG CUGAUGAG GCCGUUAGGC CGAA IACACGC 29859 7894 3143 CACAGCAC UGCACCAG 11487 CUCAGAGA CUCAGUAGG GCCGUUAGGC CGAA IUCACAGA 29859 7894 3145 CACAGUAC UGCACCAG 11487 CUCAGGAG CCGUUAGGC CGAA IUCACAGG 29859 7894 3124 CACUCACC CAGAACUG 11487 CUCAGGAG CCGUUAGGC CGAA IUCACAGG 29864 7899 3121 GACUUCAC CAGAACUG 11487 CUCAGGAG CCGUUAGGC CGAA IUCACAGG 29864 7899 3121 GACUUCAC CAGAACUG 11490 GCAGUUCC CUGAUGAG CCGUUAGGC CGAA IUCACAGG 29867 7899 3121 GACUCAC CAGAACUG 11490 GCAGUUCC CAGAUGAG CCGUUAGGC CGAA IUCAGAG 29867 7899 3121 CUCACCCC AGAA	7848	3182	AGUCACUC U CAAGGAUU			
1959 3171 AGGRUUCC A UCGCCCCA 11476 UGGGGCGA CUGAUGAG CCGUUAGGC CGAA IGAAUCCU 29851 17864 3166 CCAUCAGCC C CACAAGG 11478 ACCUUGUG CUGAUGAG CCGUUAGGC CGAA IGAGUGGA 29853 17866 3164 CAUCGCCC C ACAAGGU 11478 ACCUUGUG CUGAUGAG CCGUUAGGC CGAA IGCAGUG 29853 17867 3163 AUGGCCCC C ACAAGGUA 11479 UACCUUGU CUGAUGAG CCGUUAGGC CGAA IGCAGUG 29854 17867 3161 CGCCCCCA A AGGUAUC 11481 UACCUUGU CUGAUGAG CCGUUAGGC CGAA IGGAGGAU 29857 17869 3161 CGCCCCAC A AAGGUAUC 11481 GCAUACCU CUGAUGAG CCGUUAGGC CGAA IGGAGGAU 29857 17881 3149 UAUGGGUC U CAGGCCAC 11483 ACGUGGCCU CUGAUGAG CCGUUAGGC CGAA IGGAGGAU 29857 17881 3147 UGGGUCC C AGGCCAC 11483 ACGUGGCCU CUGAUGAG CCGUUAGGC CGAA IAGACGCA 29858 17887 3143 UGCGAGCC A CGUACAU 11484 AUGUACGU CUGAUGAG CCGUUAGGC CGAA IAGACGCA 29858 17887 3143 UCCCAGCC A CUGACAU 11484 AUGUACGU CUGAUGAG CCGUUAGGC CGAA IAGACGCA 29858 17888 3147 UGCGUCC C A GUACAUC 11485 CAUGUAGC CUGAUGAG CCGUUAGGC CGAA IACCCUGAC 29858 17894 3136 CCACGUAC A UGAUUGA 11486 CUGAUGAC CUGAUGAG CCGUUAGGC CGAA IACCCUGAC 29861 17904 3126 CUCACCCC A CUUACAC 11487 CUGAGGGG CUGAUGAG CCGUUAGGC CGAA IACCCUGAC 29861 17907 3123 UUGACUC C CAGAACUG 11487 CUGAGGGG CUGAUGAG CCGUUAGGC CGAA IACCUGAC 29861 17909 3121 GACUUCAC C CAGAACUG 11489 CAGUUCUG CUGAUGAG CCGUUAGGC CGAA IACCUGAC 29861 17910 3129 CUUCACCC C AGAACUG 11489 CAGUUCUG CUGAUGAG CCGUUAGGC CGAA IACCUGAC 29867 17911 3119 CUUCACCC C AGAACUG 11491 GCAUGUCU CUGAUGAG CCGUUAGGC CGAA IACGUCAC 29867 17912 3101 GACUUCAC C CAGAACUG 11491 GCAUGUCU CUGAUGAG CCGUUAGGC CGAA IACGUCAC 29867 17913 3111 GACUUCAC C CAGAACUG 11491 GCAUGUAG CUGAUGAG CCGUUAGGC CGAA IACGUCAC 29867 17919 3111 AGAACUGC C UUCAAGC 11491 GCUUGAGA CUGAUGAG CCGUUAGGC CGAA IACCUGAC 29867 17910 3101 GACCUCC C AGAACUGC 11491 GCUUGAAC CUGAUGAG CCGUUAGGC CGAA IACCUGA 29867 17910 3101 GACC	7850	3180	UCACUCUC A AGGAUUCC	11474		
1864 3165	7858	3172	AAGGAUUC C AUCGCCCC	11475		29850
1476	7859	3171	AGGAUUCC A UCGCCCCA	11476		29851
7866 3164	7864	3166	UCCAUCGC C CCACAAGG	11477		29852
7867 3163 XUCGCCCC CARAGUAU 11480 XURCCUUG CUGAUGAG GCCGUUAGGC CGAA IGGGCGAU 29855 7869 3161 GCCCCCCAC A AGGUAUGC 11481 GCAUACCU CUGAUGAG GCCGUUAGGC CGAA IGGGCGAU 29856 7881 3141 VAUGGGUC CAGCCCCC 11482 GUGGCCU CUGAUGAG GCCGUUAGGC CGAA IAGCGCAU 29857 7883 3147 UGCGUCUC A GGCCACCU 11482 AUGUACGC CUGAUGAG GCCGUUAGGC CGAA IAGCGCAU 29857 7887 3143 UCUCAGGC A CGUACAUU 11484 AUGUACGU CUGAUGAG GCCGUUAGGC CGAA ICCUCAGGA 29858 7887 3143 UCUCAGGC A CGUACAUU 11485 CAUGUACG CUGAUGAG GCCGUUAGGC CGAA ICCUCAGGA 29858 7888 3142 CUCAGGCC A CGUACAUU 11485 CAUGUACG CUGAUGAG GCCGUUAGGC CGAA ICCUCAGGA 29859 7884 3116 CCACGUAC UGAUCAG 11486 UCAAAUCA CUGAUGAG GCCGUUAGGC CGAA ICCUCAGGA 29861 7904 3126 GAUUUGAC UCACCCAG 11487 CUGGGUGG CUGAUGAG GCCGUUAGGC CGAA IUCAAAUCA 29863 7907 3123 UUGACUUC A CCCAGAAC 11488 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA IUCAAAUCA 29863 7910 3121 ACUUCAC C AGAACUG 11499 GCAGUUCU CUGAUGAG GCCGUUAGGC CGAA IUCAAGGA 29864 7911 3119 CUUCACCC A GAACUGC 11491 GCAGUUCU CUGAUGAG GCCGUUAGGC CGAA IUCAAGGU 29866 7916 3114 CCCAGAAC GCCCUUUC 11492 GCAGUUCU CUGAUGAG GCCGUUAGGC CGAA IUCAAGGU 29867 7919 3111 AGACUGC C GACAUGC 11491 GCAGUUC CUGAUGAG GCCGUUAGGC CGAA IGCAGUAG 29867 7919 3111 AGACUGC C UUUCAAG 11493 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC 29867 7929 3101 GAACUGCC UUUCAAG 11494 GCUUGAA CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC 29867 7925 3105 GCCCUUUC A AGCUUCA 11495 GUGGAGAG CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC 29867 7925 3105 GCCCUUUC A AGCUUCA 11495 GUGGAGAG CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC 29867 7925 3105 GCCCUUUC A AGCUUCA 11495 GUGGAGAG CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC 29877 7932 3098 CAAGGUC CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC 29877	7865	3165	CCAUCGCC C CACAAGGU	11478	ACCUUGUG CUGAUGAG GCCGUUAGGC CGAA IGCGAUGG	29853
7869 3161 CGCCCCAC A AGGULUGC 11481 GCAUACCU CUGAUGAG GCCGULUAGGC CGAA IUGGGGCG 29856 7881 3149 UAUGCGGUC U CAGGCCGC CUGAUGAG GCCGULUAGGC CGAA IUGGGGCG 29857 78837 3143 UCUCAGGC C ACGUACAU 11481 ACGUGGCC CUGAUGAG GCCGULUAGGC CGAA IAGACGCA 29858 7887 3143 UCUCAGGC C ACGUACAU 11484 AUGUACGU CUGAUGAG GCCGULUAGGC CGAA IAGACGCA 29858 7888 3142 CUCAGGCC A CGUACAU 11485 AUGUACGU CUGAUGAG GCCGULUAGGC CGAA ICCCUGAGA 29858 7884 3114 CCACGUACA UGAUUUGA 11486 UCAAAUCA CUGAUGAG GCCGULUAGGC CGAA IUCCAGAG 29861 7994 3126 GAUUUGAC UCACCCAG 11487 CUGGGUGA CUGAUGAG GCCGULUAGGC CGAA IUCCAAUCC CAGACCUC 11488 GUUCUGGG CUGAUGAG GCCGULUAGGC CGAA IUCCAAUCC CAGACCUC 11488 GUUCUGGG CUGAUGAG GCCGULUAGGC CGAA IUCCAAUCC CAGACCUC 11489 CAGUUCUG CUGAUGAG GCCGULUAGGC CGAA IUCAAAUC 29864 7990 3121 GACUUCAC CAGAACUG 11499 GCAGUUCUG CUGAUGAG GCCGULUAGGC CGAA IUCAAAUC 29864 7910 3120 ACUUCACC CAGAACUG 11491 GGCAGUUCU CUGAUGAG GCCGULUAGGC CGAA IUCAAGUC 29867 7911 3114 CCCAGAAC U GCCCUUUC 11492 GAAAGGGC CUGAUGAG GCCGULUAGGC CGAA IUCAAGUC 29867 7914 3114 CCCAGAAC U GCCCUUUCAAC 11491 GGCAGUUC CUGAUGAG GCCGULUAGGC CGAA IUCAAGUC 29867 7915 3111 ACCUCAGAC U GUCCAGCU 11492 GAAAGGGC CUGAUGAG GCCGULUAGGC CGAA IUCCAGC 29867 7919 3111 ACCAGAACUC UUCCAAGC 11494 GCUUGAAA CUGAUGAG GCCGULUAGGC CGAA IUCCAGC 29867 7911 3119 AACUGCC UUUCAAGC 11494 GCUUGAAA CUGAUGAG GCCGULUAGGC CGAA IUCCAGCU 29869 7911 7	7866	3164	CAUCGCCC C ACAAGGUA	11479	UACCUUGU CUGAUGAG GCCGUUAGGC CGAA IGGCGAUG	29854
7881 3147	7867	3163	AUCGCCCC A CAAGGUAU	11480	AUACCUUG CUGAUGAG GCCGUUAGGC CGAA IGGGCGAU	29855
1883 3147 UGCGUCUC A GGCCACGU 11483 ACGUGGCC CUGAUGAG GCCGULAGGC CAA IAGACGCA 29858 7887 3143 UCUCAGGC CACGUACAU 11484 AUGUACGU CUGAUGAG GCCGULAGGC CAA IAGACGCA 29858 7887 3142 CUCAGGC ACGUACAU 11484 AUGUACGU CUGAUGAG GCCGULAGGC CAA IACCUGAGA 29858 78894 3136 CCCACGUAC AUGAUUUGA 11486 CUCAABUCA CUGAUGAG GCCGULAGGC CAA IACCUGAG 29861 7994 3126 GAUUUGAC UCACCCAG 11487 CUGGGUGA CUGAUGAG GCCGULAGGC CGAA IACCUGAG 29867 7997 3121 UGCACUC CCCAGAAC 11488 GUUCUGGG CUGAUGAG GCCGULAGGC CGAA IACACAUCA 29862 7990 3121 GACUUCAC CAGAACUG 11489 CAGUUCUG CUGAUGAG GCCGULAGGC CGAA IACAGUCA 29864 7910 3120 ACUUCACC CAGAACUG 11489 CAGUUCU CUGAUGAG GCCGULAGGC CGAA IAGAGUCA 29864 7911 3119 CUUCACC CAGAACUGC 11491 GGCAGUUCU CUGAUGAG GCCGULAGGC CGAA IAGAGUCA 29867 7911 3119 CUUCACC CAGAACUGC 11491 GGCAGUUCU CUGAUGAG GCCGULAGGC CGAA IAGAGGA 29867 7915 3114 CCCAGAAC U GCCCUUC 11492 GAAAGGGC CUGAUGAG GCCGULAGGC CGAA IAGAGGAA 29867 7919 3111 AGAACUGC CUUCAAGG 11491 GGCAGUUC CUGAUGAG GCCGULAGGC CGAA IAGAGGAA 29867 7919 3111 GAAACUGC CUUCAAGG 11494 GCUGGAAA CUGAUGAG GCCGULAGGC CGAA IAGAGGC 29867 7920 3110 GAACUGCC UUCAAGGC 11494 GCUGGAAA CUGAUGAG GCCGULAGGC CGAA IAGAGGC 29867 7925 3105 ACCUGCC UUCAAGGC 11495 UGGAAGGC CUGAUGAG GCCGULAGGC CGAA IAGAGGC 29869 7921 3109 AACUGCC UUCAAGGC 11495 UGGAAGGC CUGAUGAG GCCGULAGGC CGAA IAGAGGC 29867 7925 3105 GCCGULUA AGCUUCCA 11495 UGGAAGGC CUGAUGAG GCCGULAGGC CGAA IAGAGGC 29867 7925 3105 CAGGUUC CAGGUACCA 11496 UGGAAGGC CUGAUGAG GCCGULAGGC CGAA IAGAGGC 29877 7932 3098 CAAGGUC CAGGUACCA 11496 UGGAAGGC CUGAUGAG GCCGULAGGC CGAA IAGAGGC 29877 7940 3090 CACGUAC AUGAGGC TAGAGCC UUCAAGCC 11501 UGAAGGC CUGAUGAG GCCGULAGGC CGA	7869	3161	CGCCCCAC A AGGUAUGC	11481	GCAUACCU CUGAUGAG GCCGUUAGGC CGAA IUGGGGCG	29856
1887 3143 UCUCAGGC C ACGUACAU 11484 AUGUACGU CUGAUGAG GCCGUUAGGC CGAA ICCUGAGA 29859 1888 3142 CUCAGGCC A GGUACAUG 11485 CANGUACG CUGAUGAG GCCGUUAGGC CGAA ICCUGAGA 29861 1895 1896 18136 CCACGUAC A UGAUGUAG 11486 UCCAADCC CUGAUGAG GCCGUUAGGC CGAA IUCACAUG 29861 1896 18136 CCACGUAC A UGAUGUAG 11487 CUGGGUGA CUGAUGAG GCCGUUAGGC CGAA IUCACAUC 29861 1897 1898 1813 CUCAGCCAG 11487 CUGGGUGA CUGAUGAG GCCGUUAGGC CGAA IUCACAUC 29862 1899 1812 GACUUCAC C CAGAACUG 11488 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA IUCACAUC 29863 1812 GACUUCAC C CAGAACUG 11489 CAGUUCUG CUGAUGAG GCCGUUAGGC CGAA IUCACAUC 29865 1819 CUUCACCC A GAACUGC 11491 GCAGUUC CUGAUGAG GCCGUUAGGC CGAA IUCACAUC 29867 1819 CUUCACCC A GAACUGC 11491 GGCAGUUC CUGAUGAG GCCGUUAGGC CGAA IUCACAUC 29867 1819 CUUCACCC A GAACUGC 11492 GGAAGGGC CUGAUGAG GCCGUUAGGC CGAA IUCACAUC 29867 1819 CUUCACCC A GAACUGC 11492 GAAAGGGC CUGAUGAG GCCGUUAGGC CGAA IUCACAGC 29867 1819 1819 CUUCACCC A GAACUGC 11492 GAAAGGGC CUGAUGAG GCCGUUAGGC CGAA IUCCUGGG 29867 1819 1819 CUUCAACC 11492 GAAAGGGC CUGAUGAG GCCGUUAGGC CGAA IUCCUGG 29867 1819 1819 CUUCACACC 11494 GCUGAGAAA CUGAUGAG GCCGUUAGGC CGAA IUCCUGG 29869 1819 1819 ACUUCACC 11494 GCUGAGAAA CUGAUGAG GCCGUUAGGC CGAA IGGCAGUC 29869 1819 1819 ACUUCACC 11496 UGAAAGC CUGAUGAG GCCGUUAGGC CGAA IGGCAGUC 29869 1819	7881	3149	UAUGCGUC U CAGGCCAC	11482	GUGGCCUG CUGAUGAG GCCGUUAGGC CGAA IACGCAUA	29857
1485 3142 CUCAGGCC A CGUACAUG 11485 CAUGUACG CUGAUGAG GCCGUUAGGC CGAA IGCCUGAG 29860 7894 3136 CACGUAC A UGAUUUGA 11486 UCAAAUCA CUGAUGAG GCCGUUAGGC CGAA IUCAGAGG CGAB 10486 1488 UCAAAUCA CUGAUGAG GCCGUUAGGC CGAA IUCAGAGG CGAGGUAGGC CGAA IUCAGAGG CGAGGAGGC CGAA IUCAGAGG CGAA IUCAGAGG CGAGGAGGC CGAA IUCAGAGG CGAGGAGGAGGC CGAA IUCAGAGG CGAGGAGGAGGC CGAA IUCAGAGG CGAGGAGGAGGC CGAA IUCAGAGG CGAGGAGGAGGAGGAGGAGGAGAGAGGAGAGAGGAGAGAGA	7883	3147	UGCGUCUC A GGCCACGU	11483	ACGUGGCC CUGAUGAG GCCGUUAGGC CGAA IAGACGCA	29858
1316	7887	3143	UCUCAGGC C ACGUACAU	11484	AUGUACGU CUGAUGAG GCCGUUAGGC CGAA ICCUGAGA	29859
7904 3126 GAUUUGAC U UCACCCAG 11487 CUGGGUGA CUGAUGAG GCCGUUAGGC CGAA IUCAAAUC 29862 7907 3123 UUGACCUC A CCCAGAAC 11488 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA IUCAAGUCA 29863 7909 3121 GACUUCAC CAGAACUG 11489 CAGUUCUG CUGAUGAG GCCGUUAGGC CGAA IUGAAGUC 29864 7910 3120 ACUUCACC CAGAACUG 11491 GGCAGUUCU CUGAUGAG GCCGUUAGGC CGAA IUGAAGUC 29865 7911 3119 CUUCACC AGAACUGC 11491 GGCAGUUC CUGAUGAG GCCGUUAGGC CGAA IUGAGAGU 29867 7916 3114 CCCAGAAC U GCCUUC 11491 GGCAGUUC CUGAUGAG GCCGUUAGGC CGAA IUGAGAG 29867 7919 3111 AGACAGUGC CUUCAAGC 11493 CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IUGCUGG 29867 7920 3110 GAACUGC CUUCAAGC 11494 GCUUGAAA CUGAUGAG GCCGUUAGGC CGAA ICGCUUC 29869 7921 3109 AACUGCC UUCAAGC 11495 AGCUUGAA CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC 29869 7921 3109 AACUGCC UUCAAGCU 11495 AGCUUGAA CUGAUGAG GCCGUUAGGC CGAA IGCAGUU 29870 7929 3101 UUUCAAGC UUCAAGCU 11495 AGCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAGGGC 29871 7933 3098 CAAGCUUC AGCUUCCA 11496 UGGAAGCU CUGAUGAG GCCGUUAGGC CGAA IAAGGGC 29871 7933 3098 AAGCUUC C ACGUAUCA 11498 UGAUACGU UGAUGAG GCCGUUAGGC CGAA IAAAGGGC 29871 7933 3098 AAGCUUC C ACGUAUCA 11498 UGAUACG CUGAUGAG GCCGUUAGGC CGAA IAAAGGGC 29874 7940 3090 CACGUUCC A CGUAUCA 11500 AGGCUCA CUGAUGAG GCCGUUAGGC CGAA IAAAGCUU 29874 7940 3090 CACGUUCC A CUGAUCA 11500 AGGCUCA CUGAUGAG GCCGUUAGGC CGAA IAAAGCUU 29874 7947 3083 CAUUGAGC U UUCAAGCC 11500 AGGCUCA CUGAUGAG GCCGUUAGGC CGAA IAAAGCGC 29875 7947 3083 CAUUGAGC U UUCAAGC 11500 UUGAAGC CUGAUGAG GCCGUUAGGC CGAA IACACUU 29876 7947 3083 CAUUGAGC CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA IACACUU 29876 7947 3083 CAUUGAGC U UUCAAGCC 11500 UUGAAGCC U UGAUGAG GCCGUUAGGC CGAA IACACUU 29876 7947 3083	7888	3142	CUCAGGCC A CGUACAUG	11485	CAUGUACG CUGAUGAG GCCGUUAGGC CGAA IGCCUGAG	29860
7907 3123	7894	3136	CCACGUAC A UGAUUUGA	11486	UCAAAUCA CUGAUGAG GCCGUUAGGC CGAA IUACGUGG	29861
7909 3121	7904	3126	GAUUUGAC U UCACCCAG	11487	CUGGGUGA CUGAUGAG GCCGUUAGGC CGAA IUCAAAUC	29862
7910 3120 ACUUCACC C AGAACUGC 11490 GCAGUUCU CUGAUGAG GCCGUUAGGC GGA IGUGAAGU 29865 7911 3119 CUUCACCC A GAACUGCC 11491 GGCAGUUC CUGAUGAG GCCGUUAGGC GCAA IGUGAAG 29866 7916 3114 CCCAGAAC U GCCCUUUC 11492 GAAAGGGC CUGAUGAG GCCGUUAGGC GCAA IUUCUGGG 29867 7919 3111 AGAACUGC C CUUUCAAG 11493 GUUGAAAG GCCGUUAGGC GGAA ICAGUUCU 29869 7920 3110 GAACUGCC C UUUCAAGC 11494 GCUUGAAA CUGAUGAG GCCGUUAGGC GCAA IGCAGUUC 29869 7921 3109 AACUGCCC U UUCAAGCU 11495 AGCUUGAA CUGAUGAG GCCGUUAGGC GCAA IGCAGUUC 29869 7921 3109 AACUGCCC AGCUUCCA 11495 AGGUUGAA CUGAUGAG GCCGUUAGGC GCAA IGACAGUU 29870 7925 3105 GCCCUUUC A AGCUUCCA 11496 UGGAAGCU CUGAUGAG GCCGUUAGGC GCAA IAAAGGCC 29871 7929 3101 UUUCAAGC UUCCAAGUA 11497 UACGUGGA CUGAUGAG GCCGUUAGGC GCAA IAAAGGCC 29872 7932 3098 CAAGCUUC CAGUUACA 11498 UGAUACGU CUGAUGAG GCCGUUAGGC GCAA IAAAGGCC 29873 7933 3097 AAGCUUCC ACGUAUCA 11498 UGAUACGU CUGAUGAG GCCGUUAGGC GCAA IAAAGCUU 29873 7947 3093 CACGUACA UUGAAGCC UIGAAGCC UIGAAGCC CUGAUGAG GCCGUUAGGC GCAA IAAAGCUU 29874 7940 3090 CACGUACA UUGAAGCC UIGAAGCC UIGAAAGCC CUGAUGAG GCCGUUAGGC CGAA IAAAGCUU 29876 7948 3082 AUUGAGC UICAAUCC 11501 UGAAAGC CUGAUGAG GCCGUUAGGC CGAA ICUCAAU 29877 7951 3079 GAGCCUGC UICAAUCC 11503 GGAUUGAA CUGAUGAG GCCGUUAGGC CGAA ICUCAAU 29877 7951 3079 GAGCCUGC AUUGAAC 11503 GGAUUGAA CUGAUGAG GCCGUUAGGC CGAA ICUCAAU 29876 7955 3075 CUGCUUC AUUCAAUCC 11503 GGAUUGAA CUGAUGAG GCCGUUAGGC CGAA ICUCAAU 29877 7956 3075 CUGCUUC AUUCAAUCC 11503 GGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAAAGCAG 29879 7959 3071 UUUCAAUC AUUGAGAC CUGAUGAG GCCGUUAGGC CGAA IAAAGCAG 29887 7968 3062 AAUAGGAC AGGUCAC 11507 CAGUACAC CUGAUGAG GCCGUUAGGC CGAA	7907	3123	UUGACUUC A CCCAGAAC	11488	GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA IAAGUCAA	29863
7910 3120 ACUUCACC C AGAACUGC 11490 GCAGUUCU CUGAUGG CUGAUGG CGAI IGUGAAGU 29865 7911 3119 CUUCACCC A GAACUGC 11491 GGCAGUUC CUGAUGAG GCCGUUCU CGCGUUAGG CGAA IUUCUGGG 29867 7916 3114 CCCCGAAC U GCCCUUUC I 1492 GAAAGGG CUGAUGG CCGUUAGG CGAA IUUCUGGG 29867 7919 3111 AGACUGC C UUUCAAGC 11494 GCUUGAAA CUGAUGGG GCAA IGCAGUUC 29869 7921 3109 AACUGCC U UUCAAGC 11495 AGCUUGAA CUGAUGAG GCCGUUAGG CGAA IGCAGUU 29870 7925 3105 GCCCUUUC A AGCUUCCA 11496 UGGAAGCU CUGAUGAG GCCGUUAGGC CGAA IAAGGGC 29871 7929 3101 UUUCAAGC U UCCACGUA 11497 UACGUGGA CUGAUGAG GCCGUUAGGC CGAA IAAGCUUC 29873 7933 3098 CAAGCUUC C ACGUAUCA 11498 UAGAUCAC UCGAUGGA GCCGUUAGGC CGAA IAACCUU 29874 7940 3090 CACGUAUCA UCGAC UCCAA IAAGCU 11500 AGGCUACA CUGAUGGG CCGA IAACCUCA 29875 79	7909	3121	GACUUCAC C CAGAACUG	11489	CAGUUCUG CUGAUGAG GCCGUUAGGC CGAA IUGAAGUC	29864
7911 3119 CUUCACCC A GAACUGCC 11491 GGCAGUUC CUGAUGAG GCCGUUAGG CGAA IGGUGAAG 29866 7916 3114 CCCAGAAC U GCCCUUCC 11492 GAAAGGC CUGAUGAG GCCGUUAGG CGAA IUUCUGGG 29867 7919 3111 AGAACUGC C CUUUCAAG 11493 CUUGAAAC CUGAUGAG CGAA ICAGUUCU 29868 7920 3110 GAACUGCC C UUUCAAGC 11494 GCUUGAAA CUGAUGAG GCCGUUAGGC CGAA IGGAGUU 29869 7921 3109 AACUGCCC U UUCAAGCU 11495 AGCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAGGGC 29871 7922 3105 GCCCUUUC A AGCUUCA 11496 UGGAGGC CUGAUGAG CGAA IAAGGCC 29871 7929 3101 UUUCAAGC U UCCACGUA 11497 UACGUGGA CUGAUGAG CGAA IAAGCUU 29873 7932 3098 CAAGCUUC ACGUAUCA 11498 UGAUAGC CUGAUGAG CGAA IAAGCUU 29873 7933 3097 AAGCUUCA AUGAGCC 11590 AGGCUCAA CUGAUGAG CCGUUAGGC CGAA IAAGGCU </td <td>7910</td> <td></td> <td>ACUUCACC C AGAACUGC</td> <td>11490</td> <td>GCAGUUCU CUGAUGAG GCCGUUAGGC CGAA IGUGAAGU</td> <td>29865</td>	7910		ACUUCACC C AGAACUGC	11490	GCAGUUCU CUGAUGAG GCCGUUAGGC CGAA IGUGAAGU	29865
7916 3114			CUUCACCC A GAACUGCC	11491	GGCAGUUC CUGAUGAG GCCGUUAGGC CGAA IGGUGAAG	29866
7919 3111		3114	CCCAGAAC U GCCCUUUC	11492	GAAAGGGC CUGAUGAG GCCGUUAGGC CGAA IUUCUGGG	29867
7920 3110 GAACUGCC C UUUCAAGC 11494 GCUUGAA CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC 29869 7921 3109 AACUGCCC U UUCAAGCU 11495 AGCUUGAA CUGAUGAG GCCGUUAGGC CGAA IGGCAGUU 29870 7925 3105 GCCCUUUC A AGCUUCCA 11497 UACAGGC CUGAUGAG CCGUUAGGC CGAA IAAAGGC 29871 7929 3101 UUUCAAGC U CCACGUA 11497 UACAGUAG CUGAUGAG GCCGUUAGGC CGAA IAAAGCUU 29872 7932 3098 CAAGCUUC A CGUAUCAU 11499 AUGAUACG CUGAUGAG GCCGUUAGGC CGAA IAAAGCUU 29874 7940 3090 CACGUAUC A UUGAGCCU 11500 AGCCUCAA CUGAUGAG CCGUUAGGC CGAA IAUACGUG 29875 7947 3083 CAUUGAGC U GCUUUCA 11501 UGAAAGC CUGAUGAG CCGUUAGGC CGAA <t>IAUACGUG 29877</t>				11493	CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA ICAGUUCU	29868
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8003 3027 UUGACAGC C GUUCCAAU 11514 AUUGGAAC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 29889 8008 3022 AGCCGUUC C AAUGAUCU 11515 AGAUCAUU CUGAUGAG GCCGUUAGGC CGAA IAACGGCU 29890 8009 3021 GCCGUUCC A AUGAUCUU 11516 AAGAUCAU CUGAUGAG GCCGUUAGGC CGAA IGAACGGC 29891 8016 3014 CAAUGAUC U UCGAGUCA 11517 UGACUCGA CUGAUGAG GCCGUUAGGC CGAA IAUCAUUG 29892 8024 3006 UUCGAGUC A CAUUCAGU 11518 ACUGAAUG CUGAUGAG GCCGUUAGGC CGAA IACUCGAA 29893						
8008 3022 AGCCGUUC C AAUGAUCU 11515 AGAUCAUU CUGAUGAG GCCGUUAGGC CGAA IAACGGCU 29890 8009 3021 GCCGUUCC A AUGAUCUU 11516 AAGAUCAU CUGAUGAG GCCGUUAGGC CGAA IGAACGGC 29891 8016 3014 CAAUGAUC U UCGAGUCA 11517 UGACUCGA CUGAUGAG GCCGUUAGGC CGAA IAUCAUUG 29892 8024 3006 UUCGAGUC A CAUUCAGU 11518 ACUGAAUG CUGAUGAG GCCGUUAGGC CGAA IACUCGAA 29893						
8009 3021 GCCGUUCC A AUGAUCUU 11516 AAGAUCAU CUGAUGAG GCCGUUAGGC CGAA IGAACGGC 29891 8016 3014 CAAUGAUC U UCGAGUCA 11517 UGACUCGA CUGAUGAG GCCGUUAGGC CGAA IAUCAUUG 29892 8024 3006 UUCGAGUC A CAUUCAGU 11518 ACUGAAUG CUGAUGAG GCCGUUAGGC CGAA IACUCGAA 29893						
8016 3014 CAAUGAUC U UCGAGUCA 11517 UGACUCGA CUGAUGAG GCCGUUAGGC CGAA IAUCAUUG 29892 8024 3006 UUCGAGUC A CAUUCAGU 11518 ACUGAAUG CUGAUGAG GCCGUUAGGC CGAA IACUCGAA 29893	⊢-					
8024 3006 UUCGAGUC A CAUUCAGU 11518 ACUGAAUG CUGAUGAG GCCGUUAGGC CGAA IACUCGAA 29893						
				 		
8026 3004 CGAGUCAC A UUCAGUUG 11519 CAACUGAA CUGAUGAG GCCGUUAGGC CGAA IUGACUCG 29894				+		
	8026	3004	CGAGUCAC A UUCAGUUG	11519	CAACUGAA CUGAUGAG GCCGUUAGGC CGAA IUGACUCG	29894

				Table IX	
8030	3000	UCACAUUC A GUUGUGUU	11520	AACACAAC CUGAUGAG GCCGUUAGGC CGAA IAAUGUGA	29895
8041	2989	UGUGUUGC U CUCUCUGA	11521	UCAGAGAG CUGAUGAG GCCGUUAGGC CGAA ICAACACA	29896
8043	2987	UGUUGCUC U CUCUGACC	11522	GGUCAGAG CUGAUGAG GCCGUUAGGC CGAA IAGCAACA	29897
8045	2985	UUGCUCUC U CUGACCUU	11523	AAGGUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAGCAA	29898
8047	2983	GCUCUCUC U GACCUUCA	11524	UGAAGGUC CUGAUGAG GCCGUUAGGC CGAA IAGAGAGC	29899
8051	2979	UCUCUGAC C UUCAGGAA	11525	UUCCUGAA CUGAUGAG GCCGUUAGGC CGAA IUCAGAGA	29900
8052	2978	CUCUGACC U UCAGGAAC	11526	GUUCCUGA CUGAUGAG GCCGUUAGGC CGAA IGUCAGAG	29901
8055	2975	UGACCUUC A GGAACAUC	11527	GAUGUUCC CUGAUGAG GCCGUUAGGC CGAA IAAGGUCA	29902
8061	2969	UCAGGAAC A UCCGAGUG	11528	CACUCGGA CUGAUGAG GCCGUUAGGC CGAA IUUCCUGA	29903
8064	2966	GGAACAUC C GAGUGCUG	11529	CAGCACUC CUGAUGAG GCCGUUAGGC CGAA IAUGUUCC	29904
8071	2959	CCGAGUGC U GGUGAGAC	11530	GUCUCACC CUGAUGAG GCCGUUAGGC CGAA ICACUCGG	29905
8080	2950	GGUGAGAC C AAAUCCAA	11531	UUGGAUUU CUGAUGAG GCCGUUAGGC CGAA IUCUCACC	29906
8081	2949	GUGAGACC A AAUCCAAA	11532	UUUGGAUU CUGAUGAG GCCGUUAGGC CGAA IGUCUCAC	29907
8086	2944	ACCAAAUC C AAAAUCCU	11533	AGGAUUUU CUGAUGAG GCCGUUAGGC CGAA IAUUUGGU	29908
8087	2943	CCAAAUCC A AAAUCCUC	11534	GAGGAUUU CUGAUGAG GCCGUUAGGC CGAA IGAUUUGG	29909
8093	2937	CCAAAAUC C UCCACUUC	11535	GAAGUGGA CUGAUGAG GCCGUUAGGC CGAA IAUUUUGG	29910
8094	2936	CAAAAUCC U CCACUUCU	11536	AGAAGUGG CUGAUGAG GCCGUUAGGC CGAA IGAUUUUG	29911
		AAAUCCUC C ACUUCUAA	11537	UUAGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGGAUUU	29912
8096	2934 2933	AAUCCUCC A CUUCUAAG	11538	CUUAGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGGAUU	29913
8097	2933	UCCUCCAC U UCUAAGCU	11539	AGCUUAGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGGA	29914
8102	2931	UCCACUUC U AAGCUAUU	11540	AAUAGCUU CUGAUGAG GCCGUUAGGC CGAA IAAGUGGA	29915
	2923	UUCUAAGC U AUUCCAAG	11541	CUUGGAAU CUGAUGAG GCCGUUAGGC CGAA ICUUAGAA	29916
8107		AGCUAUUC C AAGCGCGA	11542	UCGCGCUU CUGAUGAG GCCGUUAGGC CGAA IAAUAGCU	29917
8112	2918		11543	AUCGCGCU CUGAUGAG GCCGUUAGGC CGAA IGAAUAGC	29918
8113	2917	GCUAUUCC A AGCGCGAU	11543	UCCGACUC CUGAUGAG GCCGUUAGGC CGAA IAAUCGCG	29919
8124	2906	CGCGAUUC U GAGUCGGA	11545	CCAAGGAA CUGAUGAG GCCGUUAGGC CGAA IUCCGACU	29920
8134	2896	AGUCGGAC A UUCCUUGG		GAGACCAA CUGAUGAG GCCGUUAGGC CGAA IAAUGUCC	29921
8138	2892	GGACAUUC C UUGGUCUC	11546	GAGACCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUGUC	29922
8139	2891	GACAUUCC U UGGUCUCC	11547	UGGUCCGG CUGAUGAG GCCGUUAGGC CGAA IACCAAGG	29923
8145	2885	CCUUGGUC U CCGGACCA	11548	GAUGGUCC CUGAUGAG GCCGUUAGGC CGAA IAGACCAA	29924
8147	2883	UUGGUCUC C GGACCAUC	11550	UGGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCCGGAG	29925
8152	2878	CUCCGGAC C AUCAACCAC UCCGGACC A UCAACCAC	11551	GUGGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCCGGA	29926
8153	2877		11552	UUUGUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCC	29927
8156	2874	GGACCAUC A ACCACAAA CCAUCAAC C ACAAAGGU	11553	ACCUUUGU CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG	29928
8159	2871	CAUCAAC C ACAAAGGUG	11554	CACCUUUG CUGAUGAG GCCGUUAGGC CGAA IGUUGAUG	29929
8160	2870	UCAACCAC A AAGGUGUU	11555	AACACCUU CUGAUGAG GCCGUUAGGC CGAA IUGGUUGA	29930
8162	2868	GCGAGUUC U GGUGCAAA	11556	UUUGCACC CUGAUGAG GCCGUUAGGC CGAA IAACUCGC	29931
8183	2847	UCUGGUGC A AAUAAAAU	11557	AUUUUAUU CUGAUGAG GCCGUUAGGC CGAA ICACCAGA	29932
8189	2841		11558	GGGGAAAG CUGAUGAG GCCGUUAGGC CGAA IUAUUUUA	29933
8200	2830	DAAAAUAC U CUUUCCCC AAAUACUC U UUCCCCAG	11559	CUGGGGAA CUGAUGAG GCCGUUAGGC CGAA IAGUAUUU	29934
8202	2828		11560	AGGCCUGG CUGAUGAG GCCGUUAGGC CGAA IAAAGAGU	29935
8206	2824	ACUCUUUC C CCAGGCCU		AAGGCCUG CUGAUGAG GCCGUUAGGC CGAA IAAAGAG	29936
8207	2823	CUCUUUCC C CAGGCCUU	11561	GAAGGCCU CUGAUGAG GCCGUUAGGC CGAA IGGAAAGA	29937
8208	2822	UCUUUCCC C AGGCCUUC	11562	GGAAGGCC CUGAUGAG GCCGUUAGGC CGAA IGGGAAAGA GGAAGGCC CUGAUGAG GCCGUUAGGC CGAA IGGGAAAG	29938
8209	2821		11564	GGCUGGAA CUGAUGAG GCCGUUAGGC CGAA ICCUGGGG	29939
8213	2817	CCCAGGC C UUCCAGCC CCCAGGCC U UCCAGCCA	11565		29940
8214	2816	AGGCCUUC C AGCCAAUU	11566	AAUUGGCU CUGAUGAG GCCGUUAGGC CGAA IAAGGCCU	29941
8217	2813			AANUGGC CUGAUGAG GCCGUUAGGC CGAA IAAGGCC	29942
8218	2812	GGCCUUCC A GCCAAUUU	11567	UGGAAAUU CUGAUGAG GCCGUUAGGC CGAA ICUAGGAAG	29943
8221	2809	CUUCCAGC C AAUUUCCA	11568		29944
8222	2808	UUCCAGCC A AUUUCCAA	11569		29945
8228	2802	COMMUNIC C AAUUUUUC	11570		29945
8229	2801	CAAUUUCC A AUUUUUCC	11571		29947
8237	2793	AAUUUUUC C GUGGUGGC	11572		29948
8264	2766	UUAGGUGC U GACUUGUA	11573		
8268	2762	GUGCUGAC U UGUACAUU	11574		29949
8274	2756	ACUUGUAC A UUCCCUCC	11575		29950
8278	2752	GUACAUUC C CUCCUGUU	11576		29951
8279	2751	UACAUUCC C UCCUGUUU	11577		29952
8280	2750	ACAUUCCC U CCUGUUUC	11578		29953
8282	2748	AUUCCCUC C UGUUUCUC	11579		29954
8283	2747	UUCCCUCC U GUUUCUCA	11580	UGAGAAAC CUGAUGAG GCCGUUAGGC CGAA IGAGGGAA	29955

					20056
8289	2741	CCUGUUUC U CAACCACG	11581	CGUGGUUG CUGAUGAG GCCGUUAGGC CGAA IAAACAGG	29956
8291	2739	UGUUUCUC A ACCACGAC	11582	GUCGUGGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACA	29957
8294	2736	UUCUCAAC C ACGACACU	11583	AGUGUCGU CUGAUGAG GCCGUUAGGC CGAA IUUGAGAA	29958
8295	2735	UCUCAACC A CGACACUA	11584	UAGUGUCG CUGAUGAG GCCGUUAGGC CGAA IGUUGAGA	29959
8300	2730	ACCACGAC A CUAAGGUC	11585	GACCUUAG CUGAUGAG GCCGUUAGGC CGAA IUCGUGGU	29960
8302	2728	CACGACAC U AAGGUCCA	11586	UGGACCUU CUGAUGAG GCCGUUAGGC CGAA IUGUCGUG	29961
8309	2721	CUAAGGUC C ACACCAUU	11587	AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA IACCUUAG	29962
8310	2720	UAAGGUCC A CACCAUUC	11588	GAAUGGUG CUGAUGAG GCCGUUAGGC CGAA IGACCUUA	29963
8312	2718	AGGUCCAC A CCAUUCUC	11589	GAGAAUGG CUGAUGAG GCCGUUAGGC CGAA IUGGACCU	29964
	2716	GUCCACAC C AUUCUCCU	11590	AGGAGAAU CUGAUGAG GCCGUUAGGC CGAA IUGUGGAC	29965
8314	2715	UCCACACC A UUCUCCUU	11591	AAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IGUGUGGA	29966
8315		CACCAUUC U CCUUCAAA	11592	UUUGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAUGGUG	29967
8319	2711			CUUUUGAA CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG	29968
8321	2709	CCAUUCUC C UUCAAAAG	11593		29969
8322	2708	CAUUCUCC U UCAAAAGA	11594		29970
8325	2705	UCUCCUUC A AAAGAGUG	11595		
8337	2693	GAGUGUUC A GCUCGUCC	11596	GGACGAGC CUGAUGAG GCCGUUAGGC CGAA IAACACUC	29971
8340	2690	UGUUCAGC U CGUCCUUC	11597	GAAGGACG CUGAUGAG GCCGUUAGGC CGAA ICUGAACA	29972
8345	2685	AGCUCGUC C UUCACUGC	11598	GCAGUGAA CUGAUGAG GCCGUUAGGC CGAA IACGAGCU	29973
8346	2684	GCUCGUCC U UCACUGCU	11599	AGCAGUGA CUGAUGAG GCCGUUAGGC CGAA IGACGAGC	29974
8349	2681	CGUCCUUC A CUGCUUCC	11600	GGAAGCAG CUGAUGAG GCCGUUAGGC CGAA IAAGGACG	29975
8351	2679	UCCUUCAC U GCUUCCCA	11601	UGGGAAGC CUGAUGAG GCCGUUAGGC CGAA IUGAAGGA	29976
8354	2676	UUCACUGC U UCCCACAU	11602	AUGUGGGA CUGAUGAG GCCGUUAGGC CGAA ICAGUGAA	29977
8357	2673	ACUGCUUC C CACAUUUG	11603	CAAAUGUG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU	29978
8358	2672	CUGCUUCC C ACAUUUGA	11604	UCAAAUGU CUGAUGAG GCCGUUAGGC CGAA IGAAGCAG	29979
8359	2671	UGCUUCCC A CAUUUGAU	11605	AUCAAAUG CUGAUGAG GCCGUUAGGC CGAA IGGAAGCA	29980
8361	2669	CUUCCCAC A UUUGAUGC	11606	GCAUCAAA CUGAUGAG GCCGUUAGGC CGAA IUGGGAAG	29981
8370	2660	UUUGAUGC U CCAGUCUG	11607	CAGACUGG CUGAUGAG GCCGUUAGGC CGAA ICAUCAAA	29982
	2658	UGAUGCUC C AGUCUGGA	11608	UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IAGCAUCA	29983
8372		GAUGCUCC A GUCUGGAA	11609	UUCCAGAC CUGAUGAG GCCGUUAGGC CGAA IGAGCAUC	29984
8373	2657		11610	CAGUUUCC CUGAUGAG GCCGUUAGGC CGAA IACUGGAG	29985
8377	2653		11611	CUACGAUC CUGAUGAG GCCGUUAGGC CGAA IUUUCCAG	29986
8384	2646	CUGGAAAC U GAUCGUAG UCGUAGAC C GCACACUC	11612	GAGUGUGC CUGAUGAG GCCGUUAGGC CGAA IUCUACGA	29987
8395	2635		11612	AAGGAGUG CUGAUGAG GCCGUUAGGC CGAA ICGGUCUA	29988
8398	2632	UAGACCGC A CACUCCUU		GGAAGGAG CUGAUGAG GCCGUUAGGC CGAA IUGCGGUC	29989
8400	2630	GACCGCAC A CUCCUUCC	11614		29990
8402	2628	CCGCACAC U CCUUCCUU	11615		
8404	2626	GCACACUC C UUCCUUAU	11616	AUAAGGAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUGC	29991
8405	2625	CACACUCC U UCCUUAUG	11617	CAUAAGGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUG	29992
8408	2622	ACUCCUUC C UUAUGAGC	11618	GCUCAUAA CUGAUGAG GCCGUUAGGC CGAA IAAGGAGU	29993
8409	2621	CUCCUUCC U UAUGAGCU	11619	AGCUCAUA CUGAUGAG GCCGUUAGGC CGAA IGAAGGAG	29994
8417	2613	UUAUGAGC U UUCUGAAU	11620	AUUCAGAA CUGAUGAG GCCGUUAGGC CGAA ICUCAUAA	29995
8421	2609	GAGCUUUC U GAAUGAUC	11621	GAUCAUUC CUGAUGAG GCCGUUAGGC CGAA IAAAGCUC	29996
8430	2600	GAAUGAUC U UGGCUAGG	11622	CCUAGCCA CUGAUGAG GCCGUUAGGC CGAA IAUCAUUC	29997
8435	2595	AUCUUGGC U AGGCCUUG	11623	CAAGGCCU CUGAUGAG GCCGUUAGGC CGAA ICCAAGAU	29998
8440	2590	GGCUAGGC C UUGUGGCG	11624		29999
8441	2589	GCUAGGCC U UGUGGCGU	11625	ACGCCACA CUGAUGAG GCCGUUAGGC CGAA IGCCUAGC	30000
8453	2577	GGCGUUUC A GGGUAAUA	11626	UAUUACCC CUGAUGAG GCCGUUAGGC CGAA IAAACGCC	30001
8463	2567	GGUAAUAC U UGUACCGG	11627	CCGGUACA CUGAUGAG GCCGUUAGGC CGAA IUAUUACC	30002
8469	2561	ACUUGUAC C GGUCCAUC	11628	GAUGGACC CUGAUGAG GCCGUUAGGC CGAA IUACAAGU	30003
8474	2556	UACCGGUC C AUCCAAGC	11629	GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA IACCGGUA	30004
8475	2555	ACCGGUCC A UCCAAGCC	11630	GGCUUGGA CUGAUGAG GCCGUUAGGC CGAA IGACCGGU	30005
	2552	GGUCCAUC C AAGCCUCC	11631		30006
8478	 	GUCCAUCC A AGCCUCCA	11632	UGGAGGCU CUGAUGAG GCCGUUAGGC CGAA IGAUGGAC	30007
8479	2551	AUCCAAGC C UCCACAUC	11632	GAUGUGGA CUGAUGAG GCCGUUAGGC CGAA ICUUGGAU	30008
8483	2547	UCCAAGCC U CCACAUCA			30009
8484	2546		11634		30010
8486	2544	CAAGCCUC C ACAUCAUU	11635		
8487	2543	AAGCCUCC A CAUCAUUG	11636		30011
8489	2541	GCCUCCAC A UCAUUGUG	11637		30012
8492	2538	UCCACAUC A UUGUGUAU	11638		30013
8505	2525	GUAUGAAC A CUCCACUU	11639		30014
8507	2523	AUGAACAC U CCACUUCC	11640		30015
8509	2521	GAACACUC C ACUUCCAC	11641	GUGGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGUGUUC	30016

Table IX

C 0520 T	5530	AACACUCC A CUUCCACA	11642	UGUGGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGUGUU	30017
8510	2520	CACUCCAC U UCCACAUC	11643	GAUGUGGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGUG	30018
8512	2518	UCCACUUC C ACAUCUCA	11644	UGAGAUGU CUGAUGAG GCCGUUAGGC CGAA IAAGUGGA	30019
8515	2515	CCACUUCC A CAUCUCAG	11645	CUGAGAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUGG	30020
8516	2514			AGCUGAGA CUGAUGAG GCCGUUAGGC CGAA IUGGAAGU	30021
8518	2512	ACUUCCAC A UCUCAGCU	11646		30022
8521	2509	UCCACAUC U CAGCUCUU	11647		30022
8523	2507	CACAUCUC A GCUCUUGC	11648		
8526	2504	AUCUCAGC U CUUGCCGG	11649	CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICUGAGAU	30024
8528	2502	CUCAGCUC U UGCCGGCU	11650	AGCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCUGAG	30025
8532	2498	GCUCUUGC C GGCUGAUG	11651	CAUCAGCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC	30026
8536	2494	UUGCCGGC U GAUGUCUA	11652	UAGACAUC CUGAUGAG GCCGUUAGGC CGAA ICCGGCAA	30027
8543	2487	CUGAUGUC U AUGGCACA	11653	UGUGCCAU CUGAUGAG GCCGUUAGGC CGAA IACAUCAG	30028
8549	2481	UCUAUGGC A CACCCAGU	11654	ACUGGGUG CUGAUGAG GCCGUUAGGC CGAA ICCAUAGA	30029
8551	2479	UAUGGCAC A CCCAGUGU	11655	ACACUGGG CUGAUGAG GCCGUUAGGC CGAA IUGCCAUA	30030
8553	2477	UGGCACAC C CAGUGUCA	11656	UGACACUG CUGAUGAG GCCGUUAGGC CGAA IUGUGCCA	30031
8554	2476	GGCACACC C AGUGUCAG	11657	CUGACACU CUGAUGAG GCCGUUAGGC CGAA IGUGUGCC	30032
8555	2475	GCACACCC A GUGUCAGC	11658	GCUGACAC CUGAUGAG GCCGUUAGGC CGAA IGGUGUGC	30033
8561	2469	CCAGUGUC A GCGUGCAC	11659	GUGCACGC CUGAUGAG GCCGUUAGGC CGAA IACACUGG	30034
8568	2462	CAGCGUGC A CGUUCACG	11660	CGUGAACG CUGAUGAG GCCGUUAGGC CGAA ICACGCUG	30035
8574	2456	GCACGUUC A CGGAGAGG	11661	CCUCUCCG CUGAUGAG GCCGUUAGGC CGAA IAACGUGC	30036
8589	2441	GGAAGAGC A GAACUCCU	11662	AGGAGUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUUCC	30037
8594	2436	AGCAGAAC U CCUCCAAC	11663	GUUGGAGG CUGAUGAG GCCGUUAGGC CGAA IUUCUGCU	30038
8596	2434	CAGAACUC C UCCAACUG	11664	CAGUUGGA CUGAUGAG GCCGUUAGGC CGAA IAGUUCUG	30039
8597	2433	AGAACUCC U CCAACUGC	11665	GCAGUUGG CUGAUGAG GCCGUUAGGC CGAA IGAGUUCU	30040
8599	2431	AACUCCUC C AACUGCGA	11666	UCGCAGUU CUGAUGAG GCCGUUAGGC CGAA IAGGAGUU	30041
8600	2430	ACUCCUCC A ACUGCGAG	11667	CUCGCAGU CUGAUGAG GCCGUUAGGC CGAA IGAGGAGU	30042
8603	2427	CCUCCAAC U GCGAGAAA	11668	UUUCUCGC CUGAUGAG GCCGUUAGGC CGAA IUUGGAGG	30043
8621	2409	GUGAGAGC U AUGGACCU	11669	AGGUCCAU CUGAUGAG GCCGUUAGGC CGAA ICUCUCAC	30044
8628	2402	CUAUGGAC C UAUCACGA	11670	UCGUGAUA CUGAUGAG GCCGUUAGGC CGAA IUCCAUAG	30045
8629	2401	UAUGGACC U AUCACGAG	11671	CUCGUGAU CUGAUGAG GCCGUUAGGC CGAA IGUCCAUA	30046
8633	2397	GACCUAUC A CGAGCAUU	11672	AAUGCUCG CUGAUGAG GCCGUUAGGC CGAA IAUAGGUC	30047
8639	2391	UCACGAGC A UUGAUGCC	11673	GGCAUCAA CUGAUGAG GCCGUUAGGC CGAA ICUCGUGA	30048
8647	2383	AUUGAUGC C CAUCCACA	11674	UGUGGAUG CUGAUGAG GCCGUUAGGC CGAA ICAUCAAU	30049
8648	2382	UUGAUGCC C AUCCACAA	11675	UUGUGGAU CUGAUGAG GCCGUUAGGC CGAA IGCAUCAA	30050
8649	2381	UGAUGCCC A UCCACAAC	11676	GUUGUGGA CUGAUGAG GCCGUUAGGC CGAA IGGCAUCA	30051
8652	2378	UGCCCAUC C ACAACAGG	11677	CCUGUUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGGCA	30052
8653	2377	GCCCAUCC A CAACAGGA	11678	UCCUGUUG CUGAUGAG GCCGUUAGGC CGAA IGAUGGGC	30053
8655	2375	CCAUCCAC A ACAGGAGA	11679	UCUCCUGU CUGAUGAG GCCGUUAGGC CGAA IUGGAUGG	30054
8658	2372	UCCACAAC A GGAGAGCC	11680	GGCUCUCC CUGAUGAG GCCGUUAGGC CGAA IUUGUGGA	30055
8666	2364	AGGAGAGC C CCCAGCAA	11681	UUGCUGGG CUGAUGAG GCCGUUAGGC CGAA ICUCUCCU	30056
8667	2363	GGAGAGCC C CCAGCAAU	11682	AUUGCUGG CUGAUGAG GCCGUUAGGC CGAA IGCUCUCC	30057
8668	2362	GAGAGCCC C CAGCAAUC	11683	GAUUGCUG CUGAUGAG GCCGUUAGGC CGAA IGGCUCUC	30058
8669	2361	AGAGCCCC C AGCAAUCC	11684	GGAUUGCU CUGAUGAG GCCGUUAGGC CGAA IGGGCUCU	30059
8670	2360	GAGCCCCC A GCAAUCCU	11685	AGGAUUGC CUGAUGAG GCCGUUAGGC CGAA IGGGGCUC	30060
8673	2357	CCCCCAGC A AUCCUUGC	11686	GCAAGGAU CUGAUGAG GCCGUUAGGC CGAA ICUGGGGG	30061
8677	2353	CAGCAAUC C UUGCGUUA	11687		30062
8678	2352	AGCAAUCC U UGCGUUAU	11688		30063
8688	2342	GCGUUAUC C AGGACAUG	11689		30064
8689	2341	CGUUAUCC A GGACAUGC			30065
8694	2336	UCCAGGAC A UGCCUCCG	11691		30066
8698	2332	GGACAUGC C UCCGAACA	11692	UGUUCGGA CUGAUGAG GCCGUUAGGC CGAA ICAUGUCC	30067
8699	2331	GACAUGCC U CCGAACAG	11693	CUGUUCGG CUGAUGAG GCCGUUAGGC CGAA IGCAUGUC	30068
8701	2329	CAUGCCUC C GAACAGUG	11694	CACUGUUC CUGAUGAG GCCGUUAGGC CGAA IAGGCAUG	30069
8706	2324	CUCCGAAC A GUGAGCGG	11695		30070
8720	2310	CGGAAUGC U CCUCCGAA	11696		30071
8722	2308	GAAUGCUC C UCCGAACA	11697	UGUUCGGA CUGAUGAG GCCGUUAGGC CGAA IAGCAUUC	30072
8723	2307	AAUGCUCC U CCGAACAC		GUGUUCGG CUGAUGAG GCCGUUAGGC CGAA IGAGCAUU	30073
8725	2305	UGCUCCUC C GAACACUU	11699	AAGUGUUC CUGAUGAG GCCGUUAGGC CGAA IAGGAGCA	30074
8730	2300	CUCCGAAC A CUUGAUGG	11700	CCAUCAAG CUGAUGAG GCCGUUAGGC CGAA IUUCGGAG	30075
8732	2298	CCGAACAC U UGAUGGAC	11701		30075
8741	2289	UGAUGGAC A GCCUUCCC	11702	GGGAAGGC CUGAUGAG GCCGUUAGGC CGAA IUCCAUCA	30077
0/47	4203	JURIOGENE A GCCOOCCC	1 11/02	GGGRAGGE CUGAUGAG GCCGUUAGGE CGAA IUCCAUCA	30077

				Table IX	
8744	2286	UGGACAGC C UUCCCAAC	11703	GUUGGGAA CUGAUGAG GCCGUUAGGC CGAA ICUGUCCA	30078
8745	2285	GGACAGCC U UCCCAACU	11704	AGUUGGGA CUGAUGAG GCCGUUAGGC CGAA IGCUGUCC	30079
8748	2282	CAGCCUUC C CAACUGAG	11705	CUCAGUUG CUGAUGAG GCCGUUAGGC CGAA IAAGGCUG	30080
8749	2281	AGCCUUCC C AACUGAGG	11706	CCUCAGUU CUGAUGAG GCCGUUAGGC CGAA IGAAGGCU	30081
8750	2280	GCCUUCCC A ACUGAGGU	11707	ACCUCAGU CUGAUGAG GCCGUUAGGC CGAA IGGAAGGC	30082
8753	2277	UUCCCAAC U GAGGUGAA	11708	UUCACCUC CUGAUGAG GCCGUUAGGC CGAA IUUGGGAA	30083
8763	2267	AGGUGAAC A CCCCUCCA	11709	UGGAGGG CUGAUGAG GCCGUUAGGC CGAA IUUCACCU	30084
8765	2265	GUGAACAC C CCUCCAAC	11710	GUUGGAGG CUGAUGAG GCCGUUAGGC CGAA IUGUUCAC	30085
8766	2264	UGAACACC C CUCCAACU	11711	AGUUGGAG CUGAUGAG GCCGUUAGGC CGAA IGUGUUCA	30086
8767	2263	GAACACCC C UCCAACUG	11712	CAGUUGGA CUGAUGAG GCCGUUAGGC CGAA IGGUGUUC	30087
8768	2262	AACACCCC U CCAACUGA	11713	UCAGUUGG CUGAUGAG GCCGUUAGGC CGAA IGGGUGUU	30088
8770	2260	CACCCCUC C AACUGAUC	11714	GAUCAGUU CUGAUGAG GCCGUUAGGC CGAA IAGGGGUG	30089
8771	2259	ACCCCUCC A ACUGAUCC	11715	GGAUCAGU CUGAUGAG GCCGUUAGGC CGAA IGAGGGGU	30090
8774	2256	CCUCCAAC U GAUCCAAA	11716	UUUGGAUC CUGAUGAG GCCGUUAGGC CGAA IUUGGAGG	30091
8779	2251	AACUGAUC C AAAGUCCC	11717	GGGACUUU CUGAUGAG GCCGUUAGGC CGAA IAUCAGUU	30092
8780	2250	ACUGAUCC A AAGUCCCA	11718	UGGGACUU CUGAUGAG GCCGUUAGGC CGAA IGAUCAGU	30093
8786	2244	CCAAAGUC C CAAGCUGU	11719	ACAGCUUG CUGAUGAG GCCGUUAGGC CGAA IACUUUGG	30094
8787	2243	CAAAGUCC C AAGCUGUG	11720	CACAGCUU CUGAUGAG GCCGUUAGGC CGAA IGACUUUG	30095
8788	2242	AAAGUCCC A AGCUGUGU	11721	ACACAGCU CUGAUGAG GCCGUUAGGC CGAA IGGACUUU	30096
8792	2238	UCCCAAGC U GUGUCUCC	11722	GGAGACAC CUGAUGAG GCCGUUAGGC CGAA ICUUGGGA	30097
8798	2232	GCUGUGUC U CCUAGAGC	11723	GCUCUAGG CUGAUGAG GCCGUUAGGC CGAA IACACAGC	30098
8800	2230	UGUGUCUC C UAGAGCGG	11724	CCGCUCUA CUGAUGAG GCCGUUAGGC CGAA IAGACACA	30099
8801	2229	GUGUCUCC U AGAGCGGC	11725	GCCGCUCU CUGAUGAG GCCGUUAGGC CGAA IGAGACAC	30100
8810	2220	AGAGCGGC U AGUCUCUG	11726	CAGAGACU CUGAUGAG GCCGUUAGGC CGAA ICCGCUCU	30101
8815	2215	GGCUAGUC U CUGCGCUC	11727	GAGCGCAG CUGAUGAG GCCGUUAGGC CGAA IACUAGCC	30102
8817	2213	CUAGUCUC U GCGCUCCU	11728	AGGAGCGC CUGAUGAG GCCGUUAGGC CGAA IAGACUAG	30103
8822	2208	CUCUGCGC U CCUUUGAG	11729	CUCAAAGG CUGAUGAG GCCGUUAGGC CGAA ICGCAGAG	30104
8824	2206	CUGCGCUC C UUUGAGGG	11730	CCCUCAAA CUGAUGAG GCCGUUAGGC CGAA IAGCGCAG	30105
8825	2205	UGCGCUCC U UUGAGGGU	11731	ACCCUCAA CUGAUGAG GCCGUUAGGC CGAA IGAGCGCA	30106
8846	2184	GUAAAGGC U UUGCCAAU	11732	AUUGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCUUUAC	30107
8851	2179	GGCUUUGC C AAUGCUGC	11733	GCAGCAUU CUGAUGAG GCCGUUAGGC CGAA ICAAAGCC	30108
8852	2178	GCUUUGCC A AUGCUGCU	11734	AGCAGCAU CUGAUGAG GCCGUUAGGC CGAA IGCAAAGC	30109
8857	2173	GCCAAUGC U GCUUCCAG	11735	CUGGAAGC CUGAUGAG GCCGUUAGGC CGAA ICAUUGGC	30110
8860	2170	AAUGCUGC U UCCAGACU	11736	AGUCUGGA CUGAUGAG GCCGUUAGGC CGAA ICAGCAUU	30111
8863	2167	GCUGCUUC C AGACUUGU	11737	ACAAGUCU CUGAUGAG GCCGUUAGGC CGAA IAAGCAGC	30112
8864	2166	CUGCUUCC A GACUUGUG	11738	CACAAGUC CUGAUGAG GCCGUUAGGC CGAA IGAAGCAG	30113
8868	2162	UUCCAGAC U UGUGCCAA	11739	UUGGCACA CUGAUGAG GCCGUUAGGC CGAA IUCUGGAA	30114
8874	2156	ACUUGUGC C AAUGGUGA	11740	UCACCAUU CUGAUGAG GCCGUUAGGC CGAA ICACAAGU	30115
8875	2155	CUUGUGCC A AUGGUGAU	11741	AUCACCAU CUGAUGAG GCCGUUAGGC CGAA IGCACAAG	30116
8889	2141	GAUUGAUC U GUUGUUCU	11742	AGAACAAC CUGAUGAG GCCGUUAGGC CGAA IAUCAAUC	30117
8897	2133	UGUUGUUC U CCUCUGCC	11743	GGCAGAGG CUGAUGAG GCCGUUAGGC CGAA IAACAACA	30118
8899	2131	UUGUUCUC C UCUGCCCA	11744	UGGGCAGA CUGAUGAG GCCGUUAGGC CGAA IAGAACAA	30119
8900	2130	UGUUCUCC U CUGCCCAC .	11745	GUGGGCAG CUGAUGAG GCCGUUAGGC CGAA IGAGAACA	30120
8902	2128	UUCUCCUC U GCCCACCA	11746	UGGUGGGC CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	30121
8905	2125	UCCUCUGC C CACCACUA	11747	UAGUGGUG CUGAUGAG GCCGUUAGGC CGAA ICAGAGGA	30122
8906	2124	CCUCUGCC C ACCACUAU	11748	AUAGUGGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAGG	30123
8907	2123	CUCUGCCC A CCACUAUG	11749	CAUAGUGG CUGAUGAG GCCGUUAGGC CGAA IGGCAGAG	30124
8909	2121	CUGCCCAC C ACUAUGUA	11750	UACAUAGU CUGAUGAG GCCGUUAGGC CGAA IUGGGCAG	30125
8910	2120	UGCCCACC A CUAUGUAU	11751	AUACAUAG CUGAUGAG GCCGUUAGGC CGAA IGUGGGCA	30126
8912	2118	CCCACCAC U AUGUAUGA	11752	UCAUACAU CUGAUGAG GCCGUUAGGC CGAA IUGGUGGG	30127
8924	2106	UAUGAGUC U CCAAAGGG	11753	CCCUUUGG CUGAUGAG GCCGUUAGGC CGAA IACUCAUA	30128
8926	2104	UGAGUCUC C AAAGGGUG	11754	CACCCUUU CUGAUGAG GCCGUUAGGC CGAA IAGACUCA	30129
8927	2103	GAGUCUCC A AAGGGUGG	11755	CCACCCUU CUGAUGAG GCCGUUAGGC CGAA IGAGACUC	30130
8939	2091	GGUGGUUC C AAUUCAAU	11756	AUUGAAUU CUGAUGAG GCCGUUAGGC CGAA IAACCACC	30131
8940	2090	GUGGUUCC A AUUCAAUC	11757	GAUUGAAU CUGAUGAG GCCGUUAGGC CGAA IGAACCAC	30132
8945	2085	UCCAAUUC A AUCAGGAC		GUCCUGAU CUGAUGAG GCCGUUAGGC CGAA IAAUUGGA	30133
8949	2081	AUUCAAUC A GGACCUUA	11759	UAAGGUCC CUGAUGAG GCCGUUAGGC CGAA IAUUGAAU	30134
8954	2076	AUCAGGAC C UUAGCGUU	11760	AACGCUAA CUGAUGAG GCCGUUAGGC CGAA IUCCUGAU	30135
8955	2075	UCAGGACC U UAGCGUUG	11761	CAACGCUA CUGAUGAG GCCGUUAGGC CGAA IGUCCUGA	30136
8966	2064	GCGUUGGC C GUGGCCAC	11762	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA ICCAACGC	30137
8972	2058	GCCGUGGC C ACUGAAAC	11763	GUUUCAGU CUGAUGAG GCCGUUAGGC CGAA ICCACGGC	30138

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1975 2057 COZIGIGIC A CUIGARACA 11764 UGUUUCAG CUGAUGAG GCCGUUAGC CGAA TUGCACGS 301.99 1975 2055 GUIGGCAC U GAAACAAA 11765 UUUGGUUCA CUGAUGAG GCCGUUAGC CGAA TUGUCCAC 301.42 1989 2037 GGUUGAC A GUIACCAA 11767 UUUGGUCA CUGAUGAG GCCGUUAGC CGAA TUGUACCA 301.42 1999 2031 ACAGUGAC AMUCUGCC 11768 GGCAGAU CUGAUGAG GCCGUUAGC CGAA TUCACCG 301.42 1900 2030 ACAGUGAC AMUCUGCC 11768 GGCAGAU CUGAUGAG GCCGUUAGC CGAA TUCACCGG 301.43 1900 2036 GACCAAU U GCCACCAC 11770 CAGUGGC CUGAUGAG GCCGUUAGC CGAA TUCACCGG 301.43 1900 2036 GACCAAU U GCCACCGG 11771 CGCCAGUG CUGAUGAG GCCGUUAGC CGAA TUCACCGG 301.43 1900 2032 CAMUCUGC CACUGGCG 11772 ACGCCAGU CUGAUGAG GCCGUUAGC CGAA TUCACCGG 301.44 1900 2032 AMUCUGCC CAUGGCGU 11772 ACGCCAGU CUGAUGAG GCCGUUAGC CGAA TUCACCGG CUGAUGAG CGAA TUCACCGG CUGAUGAG CGCGUUAGC CGAA TUCACCGG CUGAUGAG CGAA TUCACCGG CUGAUGAG CGCGUUAGC CGAA TUCACCGG CUGAUGAG CGCGUUAGC CGAA TUCACCGG CUGAUGAG CGAA TUCACCGG CGAA TUCACCGG CGAA TUCACCGG CGAA TUCACCGG CUGAUGAG CGAA TUCACCGG CGAA TUCAC
8991 2049 ACUGARAC A ARAGGGUU 11766 AACCCUUU CUQAUGAG GCCGUUAGGC CGAA IUUUCAGU 301.41 8993 2037 GGGUUGAC A GUGACCAA 11767 UUGGUCAC CUGAUGAG GCCGUUAGGC CGAA IUUUCAGU 301.43 9000 2031 ACAGUGAC C AAUCUGCC 11768 GGCAGAUU CUGAUGAG GCCGUUAGGC CGAA IUCACCUG 301.42 9000 2030 CAGUGACC A AUCUGCC 11769 GGCAGAUU CUGAUGAG GCCGUUAGGC CGAA IUCACCUG 301.43 9000 2031 CAGUGACC A AUCUGCCC 117769 GGCAGAUU CUGAUGAG GCCGUUAGGC CGAA IUCACCUG 301.44 9004 2026 GACCAAUC U GCCACCAC 11770 CAGUGGGC UGAUGAG GCCGUUAGGC CGAA IUCACCUG 301.44 9007 2023 CAAUCUGC C CCCUGGCG 11771 CGCCAGUG CUGAUGAG GCCGUUAGGC CGAA ICCACUG 301.44 9008 2022 AAUCUGCC C ACUGGCGU 11772 ACGCCAGU CUGAUGAG GCCGUUAGGC CGAA ICCACUG 301.44 9009 2021 AUCUGCC C ACUGGCGU 11773 ACGCCAGU CUGAUGAG GCCGUUAGGC CGAA IGCACAUU 301.47 9010 2021 AUCUGCC C ACUGGGGUU 11773 ACGCCAGU CUGAUGAG GCCGUUAGGC CGAA IGCACAUU 301.47 9011 2019 CUGCCAC U GGCGUUAG 11774 CUAAGGC CUGAUGAG GCCGUUAGGC CGAA IGCACAUU 301.47 9012 2003 GGUCGUUC A AUGAGGAG 11776 CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA IGCACAUU 301.52 9013 1995 AAUGAAGC C ACUGACGA 11776 UCGUCAG CUGAUGAG GCCGUUAGGC CGAA IGCACAUU 301.52 9014 1994 CHACACAC U GACGAGA 11777 CUCGUCAG CUGAUGAG GCCGUUAGGC CGAA IGCACAUU 301.51 9015 1995 AAUGAAGC C U GACGAGA 11777 CUCGUCAG CUGAUGAG GCCGUUAGGC CGAA IGCCCAUU 301.52 9016 1994 AMGAAGCC U GACGAGA 11777 CUCGUCAG CUGAUGAG GCCGUUAGGC CGAA IGCCUCU 301.53 9017 1995 AAUGAAGC C U GACCAGAG 11778 AUCUGGUC CUGAUGAG GCCGUUAGGC CGAA IGCCUCU 301.53 9018 1992 GAAGCCAC U GACCAGAG 11778 AUCUGGUC CUGAUGAG GCCGUUAGGC CGAA IGCCUUC 301.53 9018 1992 GAAGCCAC U GACCAGAC 11778 AUCUGGUC CUGAUGAG GCCGUUAGGC CGAA IGCCUUC 301.55 9014 1956 GCAAGGCC C GUGACCAU 11780 AUGAGACC UGAUGAG GCCGUUAGGC CGAA IACCAUGC 301.55 9015 1995 AAUGAGAC C CACCGUCAC 11780 AUGAGACC UGAUGAG GCCGUUAGGC CGAA IACCAUGC 301.55 9016 1952 GGCCCCC C CUGCCCAU 11780 AUGAGACC UGAUGAG GCCGUUAGGC CGAA IACCAUGC 301.55 9017 1958 IUCCGUCCC C GUGCCCAU 11780 AUGAGACC UGAUGAG GCCGUUAGGC CGAA IACCAUGC 301.55 9018 1994 UGAAGACC C GUGCCCAU 11780 AUGAGAC CUGAUGAG GCCGUUAGGC CGAA IACCAUGC 301
8993 2037 GGGUUGAC A GUGACCAA 11767 UUGGCAC CUGAUGAG GCCGUUAGGC GAA TUCACCCC 30142 8999 2031 CAGUGACC A AUCUGCCC 11768 GGGCAGAUU CUGAUGAG GCCGUUAGGC CGAA TUCACCUG 30143 9900 2030 CAGUGACCA AUCUGCCC 11769 GGGCAGAUU CUGAUGAG GCCGUUAGGC CGAA TUCACCUG 30144 9904 2026 GACCAAUC U GCCCACUG 11770 CAGUGGGC CUGAUGAG GCCGUUAGGC CGAA TUCACCUG 30144 9904 2026 GACCAAUC U GCCCACUG 11771 CAGUGGGC CUGAUGAG GCCGUUAGGC CGAA TUCACCUG 30144 9007 2023 CAAUCUGCC C ACUGGCGU 11771 CAGUGGGC CUGAUGAG GCCGUUAGGC CGAA TUCACAUC 30144 9008 2022 AAUCUGCCC C ACUGGCGU 11777 CAGCAGUG CUGAUGAG GCCGUUAGGC CGAA TACAGAUC 30146 9009 2021 AUCUGCCC C ACUGGCGU 11777 CAGCAGUG CUGAUGAG GCCGUUAGGC CGAA TACAGAUC 30146 9009 2021 AUCUGCCC C ACUGGCGU 11777 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA TACAGACCA 30149 9011 2019 CUGCCCAC U GGCGUUAG 11777 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA TACGACCA 30149 9027 2003 GGUGGUUC A AUGAAGCC 11775 GGCUCCAU CUGAUGAG GCCGUUAGGC CGAA TACGACCA 30159 9035 1994 AUGAAGCC ACUGACGA 11777 CUCGUCAU CUGAUGAG GCCGUUAGGC CGAA TACGACCA 30159 9036 1994 AUGAAGCC C GUGACGAG 11777 CUCGUCAU CUGAUGAG GCCGUUAGGC CGAA TACGACCA 30159 9053 1997 AUGAGCAC U GUCACAGA 11777 CUCGUCAU CUGAUGAG GCCGUUAGGC CGAA TACGACCA 30159 9053 1997 AUGAGCAC U GUCACAGAG 11777 CUCGUCAU CUGAUGAG GCCGUUAGGC CGAA TACGACCA 30159 9056 1997 AUGAGCAC U CUCACAGG 11778 AUCUCGUU CUGAUGAG GCCGUUAGGC CGAA TACGACCA 30159 9056 1996 AAUGAACC U CUCACAGG 11778 AUGCUCAU CUGAUGAG GCCGUUAGGC CGAA TACGACCA 30159 9056 1996 AAUGAACC C AUCCACCA 11780 AUCUCGUU CUGAUGAG GCCGUUAGGC CGAA TACGACCA 30159 9056 1996 CAAGGUCC C AUCCACCA 11780 AUCUCGUU CUGAUGAG GCCGUUAGGC CGAA TACCAUCA 30158 9057 1957 AUCCACCC C GUCCACCA 11780 AUCUCGUU CUGAUGAG GCCGUUAGGC CGAA TACCAUCA 30159 9058 1997 AUCCACCC C GUCCACCA 11780 AUGUCGUC CUGAUGAG GCCGUUAGGC CGAA TACCAUCA 30159 9050 1996 CAAGACC C AUGUCACC 11780 AUGUCGUC CUGAUGAG GCCGUUAGGC CGAA TACCAUCA 30159 9051 1996 CAAGACC C AUCCACCA 11789 AUGUCGUC CUGAUGAG GCCGUUAGGC CGAA TACCAUCA 30159 9051 1991 CACGACCA C CUCACCAC 11789 AUGUCCUC CUGAUGAG GCCGUUAGGC CGAA TACCAUCA 30159 9051 19
8999 2031 ACAGUGAC C RAUCUGCC 11768 GGCAGAUU CUGAUGAG GCCGUUAGGC CGAA IUCACUGU 30143
2021 2022
9004 2026 GACCANAUC U GECCREUG 11770 CAGUIGGE CUGAUGAG CEGUUAGGE CAGA IAUUGGUC 30145 9007 2023 CAAUCUGC C CACUGGCG 11771 CAGCAGUG CUGAUGAG GCGUUAGGE CAGA IACAGAUG 30146 9008 2021 AUUCUGC C ACUGGCGU 11772 AGCCCAGU CUGAUGAG GCGUUAGGE CAGA IGCAGAUU 30147 9009 2021 AUUCUGC C ACUGGCGU 11773 AGCCCAGU CUGAUGAG GCGUUAGGE CAGA IGCAGAUU 30147 9009 2021 AUUCUGC C ACUGGCGU 11773 AGCCCAGU CUGAUGAG GCCGUUAGGE CAGA IGCAGAUU 30147 9011 2019 CUGCCCAC U GGCGUCAG 11775 GGCUUCAU CUGAUGAG GCCGUUAGGE CAGA IACAGAGA 30149 9011 2019 CUGCCCAC U GGCGUCAG 11775 GGCUUCAU CUGAUGAG GCCGUUAGGE CAGA IACAGAC 30150 9035 1995 AAUGAAGC C ACUGACGA 11776 UCGUCAGU CUGAUGAG GCCGUUAGGE CAGA IACAGAC 30150 9036 1994 AUGAAGC C ACUGACGA 11777 CUCGUCAC CUGAUGAG GCCGUUAGGE CAGA ICUCAUU 30151 9038 1992 AAAGCCAC U GACGAGAU 11778 AUCUCGUC CUGAUGAG GCCGUUAGGE CAGA ICUCAUU 30153 9038 1992 AAAGCCAC U GACGAGAU 11778 AUCUCGUC CUGAUGAG GCCGUUAGGE CAGA ICUCAUU 30153 9058 1997 AACUUUCUC A AGGGCCC U 1780 AUGGACCU CUGAUGAG GCCGUUAGGC CAGA ICUCAUU 30153 9058 1997 AACUUUCUC A AGGGCCC U 1780 AUGGACCU CUGAUGAG GCCGUUAGGC CAGA ICCACAGU 30150 9058 1997 AACUUUCUC A AGGCCCU 11780 AUGGACCU CUGAUGAG GCCGUUAGGC CAGA ICCACAGU 30150 9068 1965 CAAGGUC C AUCCGUGC 11781 GCACGGAU CUGAUGAG GCCGUUAGGC CAGA ICCACAGU 30153 9066 1965 CAAGGUC C AUCCGUGC 11781 GCACGGAU CUGAUGAG GCCGUUAGGC CAGA ICCACAGU 30153 9074 1955 AUCCGUGC C AGUGUACU 11784 AGUACACU CUGAUGAG GCCGUUAGGC CAGA ICCACAGU 30159 9074 1955 UCCACACC C AGUGUACU 11784 AGUACACU CUGAUGAG GCCGUUAGGC CAGA ICACAGGAU 30159 9074 1956 UCCGUGCC AGUGUACU 11786 GGAAUGAC CUGAUGAG GCCGUUAGGC CAGA ICACAGGAU 30159 9081 1949 CAGUGUC C GUGAAUCC CUGAUGAG GCCGUUAGGC CAGA ICACAGGAU 30159 9081 1949 CAGUGUC C GUGAAUCC CUGAUGAG GCCGUUAGGC CAGA ICACAGGAU 30159 9081 1949 CAGUGUC C AGAGCACA 11789 GUGAGCAG CUGAUGAG GCCGUUAGGC CAGA IACACCU 30164 9093 1931 UCCAACAC C AGGACCC C AGAGCCC CUGAUGAG GCCGUUAGGC CAGA IACACCU 30164 9093 1940 CAGACCAC C AGGACCC C AGAGCCC C CAGAGCACA C CACAGGAC C CAGAGCACA C CACAGGAC C CAGAGCACA C CACAGGAC C CAGAGCACA C CACAGGAC C CAGAGCAC C
2007 2023 CANUCUGC C ACUGGCG 11771 AGCCAGUU GUGANGAG GCCGUUAGGC GAA ICAGAUUG 30147 30068 2022 AAUCUGCC C ACUGGCGUU 11772 ACGCAGU CUGANGAG GCCGUUAGGC GGAA IGCAGAU 30147 30099 2021 AUCUGCCC A CUGGCGUU 11773 AACGCCAG CUGANGAG GCCGUUAGGC GGAA IGCAGAU 30148 30149
2022 ANUCUGCC C ACUGGGGU 11772 ACGCCAGU CUGAUGAG GCGUUAGGC GAA IGCAGANU 30147 3009 2021 AUCUGCCC A CUGGGGUUA 11773 ACGCCAG CUGAUGAG GCCGUUAGGC GAA IGGAGAU 30148 30141 30147 CUAAGGCC CUGAUGAG GCCGUUAGGC GAA IGGAGAU 30148 30
9009 2021 AUCUGCCC A CUGGCGUU 11773 ACGCCAG CUGAUGAG GCCGUUAGGC CGAA IGGCAGAU 30148 9011 2019 CUGGCCAC U GGCGUUAG 11774 CUAACGCC CUGAUGAG GCCGUUAGGC CGAA IUGGCAG 30149 9027 2003 GGUGGUUC A AUGAAGCC 11775 GGCUUCAU CUGAUGAG GCCGUUAGGC CGAA IUGGCAG 30150 9036 1994 AUGAAGC C ACUGACGA 11776 UCGUCAGU CUGAUGAG GCCGUUAGGC CGAA ICUCAUU 30151 9036 1992 AAUGAAGC C ACUGACGA 11777 CUCGUCAG CUGAUGAG GCCGUUAGGC CGAA ICUCAUU 30151 9038 1992 GAAGCCAC U GACGAGA 11777 CUCGUCAC CUGAUGAG GCCGUUAGGC CGAA ICUCCAU 30153 9053 1977 AUGAGAAC U UUGCAAGG 11778 AUCUCGC CUGAUGAG GCCGUUAGGC CGAA IUUCCUAU 30153 9053 1977 AUGAGGAAC U UUGCAAGG 11780 AUGACCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUAU 30153 9058 1952 AACUUUCC A AGGCCAU 11780 AUGACCU CUGAUGAG GCCGUUAGGC CGAA ICACAGGU 30154 9064 1966 GCAAGGUC C AUCCGUCC 11781 GCACGGAU CUGAUGAG GCCGUUAGGC CGAA ICACAGGU 30156 9068 1965 CAAGGUC C AUCCGUCC 11781 GCACGGAU CUGAUGAG GCCGUUAGGC CGAA ICACCUUG 30157 9068 1962 GGUCCAUC C GUGCCAGU 11781 ACUGCCAC CUGAUGAG GCCGUUAGGC CGAA ICACGGU 30157 9074 1955 AUCCGUCC C AUCCGUCC 11782 GGCACGAU CUGAUGAG GCCGUUAGGC CGAA ICACGGAU 30157 9074 1956 UCCGUCC C AUGCAUCU 11784 AUGACACC CUGAUGAG GCCGUUAGGC CGAA ICACGGAU 30157 9081 1949 CAGUGUAC C AUCCACC 11785 GGALUAC CUGAUGAG GCCGUUAGGC CGAA ICACGGAU 30158 9081 1949 CAGUGUAC C AUCCACC 11785 GGALUAC CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30167 9081 1940 GCAULUC C AACCACC 11788 GUGUGUU CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30167 9098 1941 UGCAUCUC C ACCCACU 11785 GUGUGUU CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30167 9098 1940 GCAUUCC C ACCCACU 11789 UGUGGUU CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30167 9098 1940 GCAUUCC C ACCCACU 11789 UGUGGUU CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30167 9098 1934 CACGCACC C ACGCUCC 11791 GCACCUG CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30167 9098 1934 CACGUCAC C GUGACCGU 11793
1901 2019 CUSCCCAC U GGGGUUAG 11774 CUAACGCC CUGAUGAG GCCGUUAGGC CGAA IUGGGCAG 301.49 9027 2003 GGUGGUUCA AUGACAGC 11776 UCGUCCAC UGUAGGAG GCCGUUAGGC CGAA IACGACC 30150 9036 1994 AUGAAGCC CUGACGAG 11776 UCGUCCAGU CUGAUGAG GCCGUUAGGC CGAA IACGACC 30150 9036 1994 AUGAAGCC CUGACGAG 11777 CUCGUCAG CUGAUGAG GCCGUUAGGC CGAA IACGUCCAU 30153 9038 1992 GAAGCCAC UGACGAGA 11777 CUCGUCAG CUGAUGAG GCCGUUAGGC CGAA IACGUUCAU 30153 9038 1992 GAAGCCAC UGACGAGAU 11779 CCUUGCAA CUGAUGAG GCCGUUAGGC CGAA IGCUUCAU 30153 9058 1972 ANCUUUGC A AGGUCCAU 11780 AUGGACC CUGAUGAG GCCGUUAGGC CGAA IUUCCUAU 30154 9058 1972 ANCUUUGC AUGCUGCA 11780 AUGGACC CUGAUGAG GCCGUUAGGC CGAA IACCUUGC 30156 6065 1965 CAAGGUCC AUCCGUGC 11781 GCACGGAU CUGAUGAG GCCGUUAGGC CGAA IACCUUGC 30156 9066 1965 CAAGGUCC AUCCGUGCC 11782 GGCACGGA CUGAUGAG GCCGUUAGGC CGAA IACCUUGC 30157 9068 1962 GGUCCAUC CUGAUGAC GCCGUUAGGC CGAA IACCUUGC 30158 9074 1956 UCCGUGCC AUUCCUG 11781 ACUGGCAC CUGAUGAG GCCGUUAGGC CGAA IACCCUGC 30158 9074 1956 UCCGUGCC AUUCCAC 11786 GGAAUGCC CUGAUGAG GCCGUUAGGC CGAA IACCCUGA 30158 9084 1946 UGUACUGC AUCCACC 11786 GGAAUGCC CUGAUGAG GCCGUUAGGC CGAA IACCCUGA 30169 9084 1946 UGUACUGC AUCCACC 11786 GGAAUGCC CUGAUGAG GCCGUUAGGC CGAA IACCCUGA 30169 9084 1946 UGUACUGC AACACCAC 11786 GUAGGAU CUGAUGAG GCCGUUAGGC CGAA IACCCUCA 30169 9098 1941 UGCAAUUC AACACCAC 11786 GUAGGAG CUGAUGAG GCCGUUAGGC CGAA IACCCUCA 30169 9098 1940 GCAAUUCC AACACCAC 11786 GUAGGAU CUGAUGAG GCCGUUAGGC CGAA IACCCUCA 30169 9098 1937 AUUCCACC ACACCACC 11786 GUAGGAU CUGAUGAG GCCGUUAGGC CGAA IACCCUCA 30169 9098 1937 AUUCCACC ACACCACC 11786 GUAGGUG CUGAUGAG GCCGUUAGGC CGAA IACCCUCA 30169 9098 1937 AUCCACCC C
19027 2003 GUCGUUC A AUGAGAGC 11775 GGCUUCAU CUGAUGAG GCCGUUAGGC CGAA IAACGACC 30150 1995 AAUGAAGC C ACUGACGA 11776 UCGUCAGU CUGAUGAG GCCGUUAGGC CGAA ICUUCAUU 30151 1994 AUGAAGC A CUGACGAG 11777 CUCGUCAG CUGAUGAG GCCGUUAGGC CGAA ICUUCAUU 30151 1992 GAAGCCAC U GACGAGAU 11778 AUCUCGUC CUGAUGAG GCCGUUAGGC CGAA ICUCCAUU 30153 1992 GAAGCCAC U GACGAGAU 11778 AUCUCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCCUAU 30153 1995 AUGUCGUC U UUGACAGG 11779 CUCUGCAA CUGAUGAG GCCGUUAGGC CGAA IUUCCUAU 30153 1997 AUCUCGUC AUCUCGUC 11780 AUGACCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUAU 30154 1966 GCAAGGUC AUCCGUGC 11781 GCACGGAU CUGAUGAG GCCGUUAGGC CGAA IACCUUGC 30156 1965 CAAGGUCC AUCCGUGC 11781 GCACGGAU CUGAUGAG GCCGUUAGGC CGAA IACCUUGC 30156 1965 CAAGGUCC AUCCGUGC 11781 ACUGCAC CUGAUGAG GCCGUUAGGC CGAA IACCUUGC 30159 1968 1962 GGUCCAUC CUGACGAU 11784 AGUACAC CUGAUGAG GCCGUUAGGC CGAA IACCGUGA 30159 1967 AUCCGUGC AGUGUACU 11784 AGUACAC CUGAUGAG GCCGUUAGGC CGAA IACCGUGA 30159 1968 1949 CAAGUGAC AUUCCAAC 11787 GUUGGAAU CUGAUGAG GCCGUUAGGC CGAA IACCGGA 30159 1968 1949 CAAGUGAC AUUCCAAC 11787 GUUGGAAU CUGAUGAG GCCGUUAGGC CGAA IACACGGA 30162 1969 1940 CAAGUUCC AACACCAC 11786 GGAAUUC CUGAUGAG GCCGUUAGGC CGAA IACACGCA 30162 1969 1940 CAAGUUCC AACACCAC 11786 GGAAUUC CUGAUGAG GCCGUUAGGC CGAA IACACGA 30162 1969 1940 CAAGUUCC AACACCAC 11787 GUUGGAAU CUGAUGAG GCCGUUAGGC CGAA IACACGCA 11787 GUUGGAAU CUGAUGAG GCCGUUAGGC CGAA IACACGCA 11787 GUUGGAAU CUGAUGAG GCCGUUAGGC CGAA IACACGA 11787 GUACACC CUGAUGAG GCCGUUAGGC CGAA IACACGA 11787 GUACACC CUGAUGAG GCCGUUAGGC CGAA IACACGA 11787 GCACGCA CUGAUGAG GCCGUUAGGC CGAA IACACGA 11790 CACUGGG CUGAUGAG GCCGUUAGGC CGAA IACAC
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9038 1992 GANGCCAC U GACGAGAU 11778 AUCUIGUC CUGAUGAG GCCGUUAGGC CGAA IUGGCUUC 30153 9053 1977 AUAGGAAC U UUGCAAGG 11779 CCUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUUCCUAU 30154 9058 1972 AACUUUGC A AGGUCCAU 11780 AUGGACCU CUGAUGAG GCCGUUAGGC CGAA IUCCAUU 30155 9064 1966 GCCAGGUC C AUCCGUGC 11781 GCACGGAU CUGAUGAG GCCGUUAGGC CGAA ICAAGUUC 30157 9068 1965 CAAGGUCC A UCCGUGCC 11782 GGCACGGAU CUGAUGAG GCCGUUAGGC GGAA IACCUUGC 30157 9068 1965 CAAGGUCC CUGCCAGU 11782 GGCACGGAU CUGAUGAG GCCGUUAGGC GGAA IACCUUGC 30157 9068 1965 CAAGGUCC AUCCGUGC 11782 GGCACGGAC CUGAUGAG GCCGUUAGGC GGAA IACCCUUGC CGAA IUCCAAC 11784 AGUACACU CUGAUGAG GCCGUUAGGC GGAA IACACGGA 30158 9073 1957 AUCCGUGC A GUGUACUG 11785 CAGUACAC CUGAUGAG GCCGUUAGGC GGAA IACACGGA 30159 9074 1956 UCCGUGCC A GUGUACUG 11785 GAAAUUCC CUGAUGAG GCCGUUAGGC GGAA IACACGGA 30160 9081 1946 GUACUCGAC UTACCAAC 11786 GGAAUUGC CUGAUGAG GCCGUUAGGC GGAA IACACGGA 30160 9081 1946 GUACUCGAC UTACCAAC 11788 GUGGUGUU CUGAUGAG GCCGUUAGGC GGAA IACACGGA 30160 9089 1941 UGCAAUUC CAACACCAC 11788 GUGGUGUU CUGAUGAG GCCGUUAGGC GGAA IACACGAC 30163 9090 1940 GCAAUUCC AACACCAC 11788 GUGGUGUU CUGAUGAG GCCGUUAGGC GGAA IACACGAC 30163 9095 1935 UCCAACAC CACAGUGC 11790 CACGUGGA GUGAUGAG GCCGUUAGGC GGAA IACACGAC ACACGCAC 11789 UGUGGUGU CUGAUGAG GCCGUUAGGC GGAA IACACGAC ACACGCAC 11791 GGCACUGU CUGAUGAG GCCGUUAGGC GGAA IACACGAC ACACGCAC ACAGGUCC 11792 CACGGCAC CUGAUGAG GCCGUUAGGC GGAA IUGGAGAG 30163 9095 1935 UCCAACACC ACAGGUCC 11792 CACGGCAC CUGAUGAG GCCGUUAGGC GGAA IUGGAGAG 30163 9096 1934 CCAACACCC ACAGGUCC 11792 CACGGCAC CUGAUGAG GCCGUUAGGC GGAA IUGGAGAG 30163 9096 1934 CCAACACC ACAGGUCC 11792 CACGGCAC CUGAUGAG GCCGUUAGGC GGAA ICACUCCG 30173
1977 AUAGGAAC U UUGCAAGG 11779 CCUUGCAA CUGAUGAG CCGUUAGGC CGAA IUUCCUAU 30154 9058 1977 AACUUUGC A AGGUCCAU 11780 AUGGACCU CUGAUGAG GCCGUUAGGC CGAA ICAAAGUU 30155 9064 1966 GCAAGGUC C AUCCGUGC 11781 GCACGGAU CUGAUGAG GCCGUUAGGC CGAA ICAAAGUU 30155 9065 1955 CAAGGUCC A UCCGUGC 11781 GGACGGAU CUGAUGAG GCCGUUAGGC CGAA ICACCUUG 30156 9068 1962 GGUCCAUC C GUGCCAGU 11783 ACUGGCAC CUGAUGAG GCCGUUAGGC CGAA ICACCUUG 30157 9073 1957 AUCCGUGC C AGUGUACU 11784 AGUACACU CUGAUGAG GCCGUUAGGC CGAA ICACGGAU 30159 9074 1956 UCCGUGCC A GUGUACU 11784 AGUACACU CUGAUGAG GCCGUUAGGC CGAA ICACGGAU 30159 9081 1949 CAGUGUACU GCAAUUCC 11786 GGAAUUGC CUGAUGAG GCCGUUAGGC CGAA ICACGGAU 30161 9081 1949 CAGUGUACU GCAAUUCC 11786 GGAAUUGC CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30161 9084 1946 UGCACUGC AUUCCCAAC 11787 GUUGGABAU CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30162 9089 1941 UGCAAUUCC ACACCACA 11788 GUUGGUGU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA 30163 9090 1940 GCAAUUCC ACACCACA 11788 GUUGGUGU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA 30163 9093 1937 AUUCCAAC ACACCACA 11788 GUUGGUGU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA 30163 9095 1935 UCCAACAC ACAGUGCC 11791 GCACUGU CUGAUGAG GCCGUUAGGC CGAA ICAGUUGC 30164 9098 1932 AACACCAC ACAGUGCC 11792 GCGCAUG CUGAUGAG GCCGUUAGGC CGAA IUGUAGA 30165 9096 1934 CCAACACC ACAGUGCC 11792 GCGCAUG CUGAUGAG GCCGUUAGGC CGAA IUGUAGA 30166 9103 1927 CACAGUGC CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA IUGUAGA 30169 9103 1927 CACAGUGC CUGAUGAG CUGAUGAG CCGUUAGGC CGAA IUGUAGA 30169 9104 GCGUGAC CUGUGUCUG 11794 CACGGCA CUGAUGAG GCCGUUAGGC CGAA IUGUAGA 30169 9105 1921 GCCGUGAC CUGAUGAG CUGAUGAG GCCGUUAGGC CGAA IUGCAGG 30170 9116 1914 CUUGAACA CUGAUGAG CUGA
1972 ARCHUNGC A AGGUCCAU 11786 AUGGACCU CUGAUGAG GCCGUUAGGC CGAA ICAAAGUU 30155
9064 1966 GCAAGGUC C AUCCGUGC 11781 GCACGGAU CUGAUGAG GCCGUUAGGC CGAA IACCUUGC 30156 9065 1965 CAAGGUC C GUGCCAUC 11782 GGCACGGA CUGAUGAG GCCGUUAGGC CGAA IACCUUG 30157 9068 1962 GGUCCAUC C GUGCCAGU 11783 ACUGGCAC CUGAUGAG GCCGUUAGGC CGAA IAUGGACC 30157 9073 1957 AUCCGUGC C AGUGUACU 11784 AGUACACU CUGAUGAG GCCGUUAGGC CGAA IAUGGACC 30159 9074 1956 UCCGUGCC A GUGUACU 11785 CAGUACAC CUGAUGAG GCCGUUAGGC CGAA IACCACGAA 30160 9081 1949 CAGUGUAC U GCAAUUCC 11786 GGAAUUGC CUGAUGAG GCCGUUAGGC CGAA ICACGGAA 30160 9084 1946 UGUACUGC A AUUCCAAC 11787 GUUGGAU CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30160 9084 1946 UGUACUGC A ACACCAC 11788 GUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA 30161 9099 1940 GCAAUUCC A ACACCAC 11789 UGUGGUGU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA 30163 9090 1940 GCAAUUCC A ACACCACA 11789 UGUGGUGU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA 30164 9093 1937 AUUCCAAC A CACAGUGC 11791 GGCACUGU CUGAUGAG GCCGUUAGGC CGAA IUGGAAU 30164 9093 1937 AUUCCAACA C ACAGUGCC 11791 GGCACUGU CUGAUGAG GCCGUUAGGC CGAA IUGUAGAA 30163 9096 1934 CCAACACC A CAGUGCC 11791 GGCACUGU CUGAUGAG GCCGUUAGGC CGAA IUGUGGA 30167 9098 1932 AACACCAC A CAGUGCC 11791 GGCACUGU CUGAUGAG GCCGUUAGGC CGAA IUGUGGA 30167 9098 1932 AACACCAC A GUGCCGU 11792 CAGGCAC CUGAUGAG GCCGUUAGGC CGAA IUGUGGA 30167 9109 1921 GCCGUGAC C UGUGCCG 11794 CAGGUCA C CUGAUGAG GCCGUUAGGC CGAA IUGUGGA 30167 9110 1920 CCGUGACC C UGUGCCG 11794 CAGGUCA C CUGAUGAG GCCGUUAGGC CGAA IUCACGG 30173 9110 1920 CCGUGACC C UGUGCCG 11794 CAGGUCA C CUGAUGAG GCCGUUAGGC CGAA ICACUGG 30173 9116 1914 CCUGUGUC U GCGGGAGU 11795 CAGACACA C CUGAUGAG GCCGUUAGGC CGAA ICACUGG 30173 9127 1903 GGGAGUCC C AAGAAAC 11802 GUUUCUC CUGAUGAG GCCGUUAGGC CGAA IACACCAG 30173 9127 1903 GGGAGUCC C AAGAAAC 11803 GUUUCUC CUGAUGAG GCCGUUAGGC CGAA IACUCCC 30174 9128 1902 GGAGUCC C AAG
9065 1965 CARGGUCC A UCCGUGCC 11782 GGCACGGA CUGAUGAG GCCGUUAGGC CGAA IGACCUUG 30157 9068 1962 GGUCCAUC C GUGCCAGU 11783 ACUGGCAC CUGAUGAG GCCGUUAGGC CGAA IAUGGACC 30158 9073 1957 AUCCGUGC C AGUGUACU 11784 AGUACACU CUGAUGAG GCCGUUAGGC CGAA ICACGGAU 30159 9074 1956 UCCGUGCC A GUGUACUG 11785 CAGUACAC CUGAUGAG GCCGUUAGGC CGAA ICACGGAU 30159 9081 1949 CAGUGUAC U GCAAUUCC 11786 GGAAUUGC CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30160 9081 1946 UGUACUGC A AUUCCAAC 11787 GUUGGAUU CUGAUGAG GCCGUUAGGC CGAA ICACGGA 30160 9089 1941 UGCAAUUC C AACACCAC 11788 GUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA 30162 9089 1940 GCAAUUCC A ACACCACA 11788 GUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA 30163 9090 1940 GCAAUUCC A ACACCACA 11788 GUGGUGUU CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA 30163 9091 1937 AUUCCAAC A CCACAGUG 11790 CACUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA 30163 9095 1935 UCCAACAC C ACAGUGCC 11791 GGCACUGU CUGAUGAG GCCGUUAGGC CGAA IUUGGAAU 30163 9096 1934 CCAACACC A CAGUGCC 11791 GGCACUGU CUGAUGAG GCCGUUAGGC CGAA IUUGGAAU 30166 9098 1932 AACACCAC A GUGCCGUG 11792 CACUGUGG CUGAUGAG GCCGUUAGGC CGAA IUGUUGA 30166 9098 1932 AACACCAC A GUGCCGUG 11792 CACGGCAC CUGAUGAG GCCGUUAGGC CGAA IUGUUGA 30166 9098 1932 AACACCAC A GUGCCGUG 11794 CACGGCAC CUGAUGAG GCCGUUAGGC CGAA IUGUUGA 30166 9103 1927 CACAGUGC C GUGACCUG 11794 CACGGCAC CUGAUGAG GCCGUUAGGC CGAA IUGGUGU 30167 9110 1920 CCGUGACC U GUGUCUG 11795 CACGGCAC CUGAUGAG GCCGUUAGGC CGAA IUCACGGC 30177 9116 1914 CCUGUGUC U GCGGGAGU 11797 ACUCCCGC CUGAUGAG GCCGUUAGGC CGAA ICACCGG 30177 9126 1904 CGGGAGUC C GAGAAACU 11799 AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACACAGG 30177 9127 1903 GGGAGUCC C AAGAAACU 11799 AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACACAGG 30177 9128 1902 GGAGUCC C AAGAAACU 11799 AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACACAGG 30177 9127 1903 GGGAGUCC C AAGAAACU 11799 AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACACACGC 30178 9127 1903 GGGAGUCC C AAGAAACU 11800 AGUUUCUA CUGAUGAG GCCGUUAGGC CGAA IACACACG 30178 9127 1903 GGGAGUCC C AAGAAACU 11800 AGUUUCA CUGAUGAG GCCGUUAGGC CGAA IACACACC 30178 9137 1806 UUGAAC
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9073 1956 DUCCGUIGC C AGUGUACU 11784 AGUACACU CUGAUGAG GCCGUUAGGC GAA ICACGGAU 30159 9074 1956 UCCGUIGCC A GUIGUACUG 11785 CAGUACAC CUGAUGAG GCCGUUAGGC GAA ICACGGA 30160 9081 1949 CAGUGUAC U GCAAUUCC 11786 GGAAUUCC CUGAUGAG GCCGUUAGGC GAA IUACACUG 30161 9084 1946 UGUACUGC A AUUCCAAC 11787 GUUGGAU CUGAUGAG GCCGUUAGGC GGAA IUACACUG 30161 9084 1946 UGUACUGC AACACCAC 11788 GUGGUGUU CUGAUGAG GCCGUUAGGC GGAA ICAGUACA 30162 9089 1941 UGCAAUUC AACACCAC 11788 GUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA 30163 9090 1940 GCAAUUCC AACACCAC 11789 UGUGGUGU CUGAUGAG GCCGUUAGGC CGAA IUAUUGC 30164 9093 1937 AUUCCAAC ACACCACA 11790 CACUGUGG CUGAUGAG GCCGUUAGGC CGAA IUGUUGGA 30165 9095 1935 UCCAACACC ACAGUGCC 11791 GGCACUGU CUGAUGAG GCCGUUAGGC CGAA IUGUUGGA 30167 9098 1932 AACACCAC ACAGUGCC 11792 CAGCACUG CUGAUGAG GCCGUUAGGC CGAA IUGUUGGA 30167 9098 1932 AACACCAC AGUGCCG 11792 CAGGCACU CUGAUGAG GCCGUUAGGC CGAA IUGUUGGA 30167 9098 1932 AACACCAC GUGACCUG 11794 CAGGUCAC CUGAUGAG GCCGUUAGGC CGAA IUGUUGGA 30167 9103 1927 CACAGUGC UGUAUGCU 11794 CAGGUCAC CUGAUGAG GCCGUUAGGC CGAA IUCACGG 30173 9127 GCCGUGAC UGUCUGC 11795 CAGACAC CUGAUGAG GCCGUUAGGC CGAA IUCACGG 30173 9126 1904 CCGUGACC UGUGUGC 11796 GCAGACAC CUGAUGAG GCCGUUAGGC CGAA IUCACGG 30173 9126 1904 CCGGGAGUC CAAGAACU 11798 GUUUCUU CUGAUGAG GCCGUUAGGC CGAA IUCACGG 30173 9126 1904 CCGGGAGUC CAAGAACU 11800 AAGUUUCU CUGAUGAG GCCGUUAGGC CGAA ICACCCC 30173 9127 1903 GGAGUCC AAGAACU 11800 AAGUUUCU CUGAUGAG GCCGUUAGGC CGAA ICACCCC 30173 9126 1904 CGGAGACC UGAAAACU 11800 AAGUUCUU CUGAUGAG GCCGUUAGGC CGAA IUCUCCA 30175 9135 1895 CAAGAACC UUGAACAG 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUCUCAA 30176 9143 1
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9103 1927 CACAGUGC C GUGACCUG 11794 CAGGUCAC CUGAUGAG GCCGUUAGGC CGAA ICACUGUG 30169 9109 1921 GCCGUGAC C UGUGUCUG 11795 CAGACACA CUGAUGAG GCCGUUAGGC CGAA IUCACGGC 30170 9110 1920 CCGUGACC U GUGUCUGC 11796 GCAGACAC CUGAUGAG GCCGUUAGGC CGAA IGUCACGG 30171 9116 1914 CCUGUGUC U GCCGGAGU 11797 ACUCCCGC CUGAUGAG GCCGUUAGGC CGAA IACACAGG 30172 9126 1904 CGGGAGUC C CAAGAAAC 11798 GUUUCUUG CUGAUGAG GCCGUUAGGC CGAA IACACAGG 30173 9127 1903 GGGAGUCC C AAGAAACU 11799 AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACACCCG 30174 9128 1902 GGAGUCCC A AGAAACUU 11800 AAGUUUCU CUGAUGAG GCCGUUAGGC CGAA IGACUCCC 30174 9135 1895 CAAGAAAC U UGAAAGCC 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IGGACUCC 30175 9143 1887 UUGAAAGC C UUUGAACA 11802 UGUUCAAA CUGAUGAG GCCGUUAGGC CGAA IUUUCUUG 30176 9144 1886 UGAAAGCC U UUGAACAG 11802 UGUUCAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30177 9144 1886 UGAAAGCC U UUGAACAG 11803 CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30176 9151 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30176 9158 1872 CAGACGCC A UAGGUUG 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30176 9158 1872 CAGACGCC A UAGGUUG 11805 CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30181 9159 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182
9109 1921 GCCGUGAC C UGUGUCUG 11795 CAGACACA CUGAUGAG GCCGUUAGGC CGAA IUCACGGC 30170 1920 CCGUGACC U GUGUCUGC 11796 GCAGACAC CUGAUGAG GCCGUUAGGC CGAA IGUCACGG 30171 1914 CCUGUGUC U GCGGGAGU 11797 ACUCCCGC CUGAUGAG GCCGUUAGGC CGAA IACACAGG 30172 1916 1914 CCUGUGUC U GCGGGAGU 11797 ACUCCCGC CUGAUGAG GCCGUUAGGC CGAA IACACAGG 30172 1916 1904 CGGGAGUC C CAAGAAAC 11798 GUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACUCCCG 30173 1917 1903 GGGAGUCC C AAGAAACU 11799 AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IGACUCCC 30174 1918 1902 GGAGUCCC AAGAAACU 11800 AAGUUUCU CUGAUGAG GCCGUUAGGC CGAA IGACUCCC 30175 1895 CAAGAAAC U UGAAAGCC 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUUUCUUG 30176 11895 CAAGAAAC U UGAAAGCC 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUUUCUAA 30177 11887 UUGAAAGC C UUUGAACA 11802 UGUUCAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30177 11873 ACAGACGC C UUGAACAG 11803 CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30178 11879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30178 11873 ACAGACGC C AUAGGUUG 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30178 11873 ACAGACGC C AUAGGUUG 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30180 11804 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30180 11804 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IACCACCUA GUGAUGAG GCCGUUAGGC CGAA IACAACCC 30180 11804 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30180 11804 11804 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IAACAAC 30180 11804 11804 ACAACCA GCGAA GCCGUUA
9110 1920 CCGUGACC U GUGUCUGC 11796 GCAGACAC CUGAUGAG GCCGUUAGGC CGAA IGUCACGG 30171 9116 1914 CCUGUGUC U GCGGGAGU 11797 ACUCCCGC CUGAUGAG GCCGUUAGGC CGAA IACACAGG 30172 9126 1904 CGGGAGUC C CAAGAAAC 11798 GUUUCUUG CUGAUGAG GCCGUUAGGC CGAA IACACACGG 30173 9127 1903 GGGAGUCC C AAGAAACU 11799 AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACACCCC 30174 9128 1902 GGAGUCC C AGAAACUU 11800 AAGUUUCU CUGAUGAG GCCGUUAGGC CGAA IGCACUCC 30175 9135 1895 CAAGAAAC U UGAAAGCC 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUUUCUUG 30176 9143 1887 UUGAAAGC C UUUGAACA 11802 UGUUCAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30177 9144 1886 UGAAAGCC U UUGAACAG 11803 CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30178 9151 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30178 9157 1873 ACAGACGC C AUAGGUUG 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30178 9158 1872 CAGACGC A UAGGUUG 11805 CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUG 30181 9159 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IACACACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30183 9171 1859 UUGUUCCC U UCAACUG 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30183 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30183
9116 1914 CCUGUGUC U GCGGGAGU 11797 ACUCCCGC CUGAUGAG GCCGUUAGGC CGAA IACACAGG 30172 9126 1904 CGGGAGUC C CAAGAAACU 11798 GUUUCUUG CUGAUGAG GCCGUUAGGC CGAA IACUCCCG 30173 1903 GGGAGUCC C AAGAAACU 11799 AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IGACUCCC 30174 19128 1902 GGAGUCCC AAGAAACUU 11800 AAGUUUCU CUGAUGAG GCCGUUAGGC CGAA IGACUCCC 30175 1895 CAAGAAACU UGAAAGCC 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IGACUCCC 30175 1895 CAAGAAACU UGAAAGCC 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUUUCUUG 30176 11887 UUGAAAGC C UUUGAACA 11802 UGUUCAAA CUGAUGAG GCCGUUAGGC CGAA IUUUCAA 30177 18886 UGAAAGCC U UUGAACAG 11803 CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA IGCUUUCA 30178 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30178 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30178 1873 ACAGACGC C AUAGGUUG 11805 CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30180 1872 CAGACGCC A UAGGUUGU 11806 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG 30181 1872 CAGACGCC A UAGGUUGU 11806 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG 30181 1872 CAGACGCC C UUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 1870 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 1870 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30182 1871 1859 UUGUUCCC U UCAACUG 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 1874 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAACAAC 30183 1874 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAACAACA 30184 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAACAACA 30184 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAACGAAA 30184 1856
9126 1904 CGGGAGUC C CAAGAAAC 11798 GUUUCUUG CUGAUGAG GCCGUUAGGC CGAA IACUCCCG 30173 9127 1903 GGGAGUCC C AAGAAACU 11799 AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACUCCCC 30174 9128 1902 GGAGUCCC A AGAAACUU 11800 AAGUUUCU CUGAUGAG GCCGUUAGGC CGAA IGACUCCC 30175 9135 1895 CAAGAAAC U UGAAAGCC 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUUUCUUG 30176 9143 1887 UUGAAAGC C UUUGAACA 11802 UGUUCAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30177 9144 1886 UGAAAGCC U UUGAACAG 11803 CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30178 9151 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30178 9157 1873 ACAGACGC C AUAGGUUG 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA ICGCUUUC 30180 9158 1872 CAGACGCC A UAGGUUG 11805 CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGCUCUG 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUG 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAACAACA 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAACGAAA 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30184
9127 1903 GGGAGUCC C AAGAAACU 11799 AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IGACUCCC 30174 9128 1902 GGAGUCCC A AGAAACUU 11800 AAGUUUCU CUGAUGAG GCCGUUAGGC CGAA IGACUCCC 30175 9135 1895 CAAGAAAC U UGAAAGCC 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUUUCUUG 30176 9143 1887 UUGAAAGC C UUUGAACA 11802 UGUUCAAA CUGAUGAG GCCGUUAGGC CGAA IUUUCAA 30177 9144 1886 UGAAAGCC U UUGAACAG 11803 CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30178 9151 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAAG 30178 9157 1873 ACAGACGC C AUAGGUUG 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30180 9158 1872 CAGACGCC A UAGGUUGU 11806 ACAACCUAA CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUG 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAACAACA 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAACGAAA 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9128 1902 GGAGUCCC A AGAAACUU 11800 AAGUUUCU CUGAUGAG GCCGUUAGGC CGAA IGGACUCC 30175 9135 1895 CAAGAAAC U UGAAAGCC 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUUUCUUG 30176 9143 1887 UUGAAAGC C UUUGAACA 11802 UGUUCAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30177 9144 1886 UGAAAGCC U UUGAACAG 11803 CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30178 9151 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30178 9157 1873 ACAGACGC C AUAGGUUG 11805 CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30180 9158 1872 CAGACGCC A UAGGUUGU 11806 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUG 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9135 1895 CAAGAAAC U UGAAAGCC 11801 GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUUUCUUG 30176 9143 1887 UUGAAAGC C UUUGAACA 11802 UGUUCAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30177 9144 1886 UGAAAGCC U UUGAACAG 11803 CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30178 9151 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30179 9157 1873 ACAGACGC C AUAGGUUG 11805 CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30180 9158 1872 CAGACGCC A UAGGUUGU 11806 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9143 1887 UUGAAAGC C UUUGAACA 11802 UGUUCAA CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA 30177 9144 1886 UGAAAGCC U UUGAACAG 11803 CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA IGCUUUCA 30178 9151 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30179 9157 1873 ACAGACGC C AUAGGUUG 11805 CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30180 9158 1872 CAGACGCC A UAGGUUGU 11806 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9144 1886 UGAAAGCC U UUGAACAG 11803 CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA IGCUUUCA 30178 9151 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAAG 30178 9157 1873 ACAGACGC C AUAGGUUG 11805 CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30180 9158 1872 CAGACGCC A UAGGUUGU 11806 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9151 1879 CUUUGAAC A GACGCCAU 11804 AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG 30175 9157 1873 ACAGACGC C AUAGGUUG 11805 CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30180 9158 1872 CAGACGCC A UAGGUUGU 11806 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGGAACAA 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9157 1873 ACAGACGC C AUAGGUUG 11805 CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU 30180 9158 1872 CAGACGCC A UAGGUUGU 11806 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGGAACAA 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9158 1872 CAGACGCC A UAGGUUGU 11806 ACAACCUA CUGAUGAG GCCGUUAGGC CGAA IGCGUCUG 30181 9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9169 1861 GGUUGUUC C CUUCAACU 11807 AGUUGAAG CUGAUGAG GCCGUUAGGC CGAA IAACAACC 30182 9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGGAACAA 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9170 1860 GUUGUUCC C UUCAACUG 11808 CAGUUGAA CUGAUGAG GCCGUUAGGC CGAA IGAACAAC 30183 9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGGAACAA 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9171 1859 UUGUUCCC U UCAACUGC 11809 GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IGGAACAA 30184 9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9174 1856 UUCCCUUC A ACUGCAAU 11810 AUUGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAA 30185
9177 1853 CCUUCAAC U GCAAUUUU 11811 AAAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGG 30186
9180 1850 UCAACUGC A AUUUUUCC 11812 GGAAAAAU CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA 30187
9188 1842 AAUUUUUC C AUCUUCAC 11813 GUGAAGAU CUGAUGAG GCCGUUAGGC CGAA IAAAAAUU 30188
9189 1841 AUUUUUCC A UCUUCACU 11814 AGUGAAGA CUGAUGAG GCCGUUAGGC CGAA IGAAAAAU 30189
9192 1838 UUUCCAUC U UCACUCUA 11815 UAGAGUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAAA 30190
9195 1835 CCAUCUUC A CUCUACAC 11816 GUGUAGAG CUGAUGAG GCCGUUAGGC CGAA IAAGAUGG 30191
9197 1833 AUCUUCAC U CUACACUU 11817 AAGUGUAG CUGAUGAG GCCGUUAGGC CGAA IUGAAGAU 30192
9199 1831 CUUCACUC U ACACUUCA 11818 UGAAGUGU CUGAUGAG GCCGUUAGGC CGAA IAGUGAAG 30193
I DODG I 1000 I TERRETTE E ENTERED I 11100 I 1
9207 1823 UACACUUC A AAUGACCC 11821 GGGUCAUU CUGAUGAG GCCGUUAGGC CGAA IAAGUGUA 30196
9214 1816 CAAAUGAC C CGACGUCA 11822 UGACGUCG CUGAUGAG GCCGUUAGGC CGAA IUCAUUUG 30197

				Table IX	
9225	1805	ACGUCAAC U UGACAGUG	11825	CACUGUCA CUGAUGAG GCCGUUAGGC CGAA IUUGACGU	30200
9230	1800	AACUUGAC A GUGUUGCU	11826	AGCAACAC CUGAUGAG GCCGUUAGGC CGAA IUCAAGUU	30201
9238	1792	AGUGUUGC U UGAAAAUU	11827	AAUUUUCA CUGAUGAG GCCGUUAGGC CGAA ICAACACU	30202
9248	1782	GAAAAUUC C ACAGGAAU	11828	AUUCCUGU CUGAUGAG GCCGUUAGGC CGAA IAAUUUUC	30203
9249	1781	AAAAUUCC A CAGGAAUG	11829	CAUUCCUG CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU	30204
9251	1779	AAUUCCAC A GGAAUGGC	11830	GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA IUGGAAUU	30205
9260	1770	GGAAUGGC U CCAGCCAA	11831	UUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ICCAUUCC	30206
9262	1768	AAUGGCUC C AGCCAAAG	11832	CUUUGGCU CUGAUGAG GCCGUUAGGC CGAA IAGCCAUU	30207
9263	1767	AUGGCUCC A GCCAAAGC	11833	GCUUUGGC CUGAUGAG GCCGUUAGGC CGAA IGAGCCAU	3020B
9266	1764	GCUCCAGC C AAAGCUUG	11834	CAAGCUUU CUGAUGAG GCCGUUAGGC CGAA ICUGGAGC	30209
9267	1763	CUCCAGCC A AAGCUUGA	11835	UCAAGCUU CUGAUGAG GCCGUUAGGC CGAA IGCUGGAG	30210
9272	1758	GCCAAAGC U UGAUGCAG	11836	CUGCAUCA CUGAUGAG GCCGUUAGGC CGAA ICUUUGGC	30211
9279	1751	CUUGAUGC A GAGCUCCC	11837	GGGAGCUC CUGAUGAG GCCGUUAGGC CGAA ICAUCAAG	30212
9284	1746	UGCAGAGC U CCCUCUUG	11838	CAAGAGGG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCA	30213
9286	1744	CAGAGCUC C CUCUUGUG	11839	CACAAGAG CUGAUGAG GCCGUUAGGC CGAA IAGCUCUG	30214
9287	1743	AGAGCUCC C UCUUGUGA	11840	UCACAAGA CUGAUGAG GCCGUUAGGC CGAA IGAGCUCU	30215
9288	1742	GAGCUCCC U CUUGUGAG	11841	CUCACAAG CUGAUGAG GCCGUUAGGC CGAA IGGAGCUC	30216
9290	1740	GCUCCCUC U UGUGAGCC	11842	GGCUCACA CUGAUGAG GCCGUUAGGC CGAA IAGGGAGC	30217
9298	1732	UUGUGAGC C CAAUGCUA	11843	UAGCAUUG CUGAUGAG GCCGUUAGGC CGAA ICUCACAA	30218
9299	1731	UGUGAGCC C AAUGCUAU	11844	AUAGCAUU CUGAUGAG GCCGUUAGGC CGAA IGCUCACA	30219
9300	1730	GUGAGCCC A AUGCUAUC	11845	GAUAGCAU CUGAUGAG GCCGUUAGGC CGAA IGGCUCAC	30220
9305	1725	CCCAAUGC U AUCACAGA	11846	UCUGUGAU CUGAUGAG GCCGUUAGGC CGAA ICAUUGGG	30221
9309	1721	AUGCUAUC A CAGACUGC	11847	GCAGUCUG CUGAUGAG GCCGUUAGGC CGAA IAUAGCAU	30222
9311	1719	GCUAUCAC A GACUGCUU	11848	AAGCAGUC CUGAUGAG GCCGUUAGGC CGAA IUGAUAGC	30223
9315	1715	UCACAGAC U GCUUCGUG	11849	CACGAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUGUGA	30224
9318	1712	CAGACUGC U UCGUGGCG	11850	CGCCACGA CUGAUGAG GCCGUUAGGC CGAA ICAGUCUG	30225
9335	1695	UGUGGUUC C UCAAACUC	11851	GAGUUUGA CUGAUGAG GCCGUUAGGC CGAA IAACCACA	30226
9336	1694	GUGGUUCC U CAAACUCC	11852	GGAGUUUG CUGAUGAG GCCGUUAGGC CGAA IGAACCAC	30227
9338	1692	GGUUCCUC A AACUCCAU	11853	AUGGAGUU CUGAUGAG GCCGUUAGGC CGAA IAGGAACC	30228
9342	1688	CCUCAAAC U CCAUUAAC	11854	GUUAAUGG CUGAUGAG GCCGUUAGGC CGAA IUUUGAGG	30229
9344	1686	UCAAACUC C AUUAACGU	11855	ACGUUAAU CUGAUGAG GCCGUUAGGC CGAA IAGUUUGA	30230
9345	1685	CAAACUCC A UUAACGUC	11856	GACGUUAA CUGAUGAG GCCGUUAGGC CGAA IGAGUUUG	30231
9354	1676	UUAACGUC U CUCUGUUC	11857	GAACAGAG CUGAUGAG GCCGUUAGGC CGAA IACGUUAA	30232
9356	1674	AACGUCUC U CUGUUCCU	11858	AGGAACAG CUGAUGAG GCCGUUAGGC CGAA IAGACGUU	30233
9358	1672	CGUCUCUC U GUUCCUCC	11859	GGAGGAAC CUGAUGAG GCCGUUAGGC CGAA IAGAGACG	30234
9363	1667	CUCUGUUC C UCCACACA	11860	UGUGUGGA CUGAUGAG GCCGUUAGGC CGAA IAACAGAG	30235
9364	1666	UCUGUUCC U CCACACAG	11861	CUGUGUGG CUGAUGAG GCCGUUAGGC CGAA IGAACAGA	30236
9366	1664	UGUUCCUC C ACACAGUA	11862	UACUGUGU CUGAUGAG GCCGUUAGGC CGAA IAGGAACA	30237
9367	1663	GUUCCUCC A CACAGUAC	11863	GUACUGUG CUGAUGAG GCCGUUAGGC CGAA IGAGGAAC	30238
9369	1661	UCCUCCAC A CAGUACUU	11864	AAGUACUG CUGAUGAG GCCGUUAGGC CGAA IUGGAGGA	30239
9371	1659	CUCCACAC A GUACUUCC	11865	GGAAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGUGGAG	30240
9376	1654	CACAGUAC U UCCAGCAC	11866	GUGCUGGA CUGAUGAG GCCGUUAGGC CGAA IUACUGUG	30241
9379	1651	AGUACUUC C AGCACUGC	11867		30242
9380	1650	GUACUUCC A GCACUGCU	11868		30243
9383	1647	CUUCCAGC A CUGCUCCA	11869		30244
9385	1645	UCCAGCAC U GCUCCAAG	11870	CUUGGAGC CUGAUGAG GCCGUUAGGC CGAA IUGCUGGA	30245
9388	1642	AGCACUGC U CCAAGGGA	11871		30246
9390	1640	CACUGCUC C AAGGGAGG	11872	CCUCCCUU CUGAUGAG GCCGUUAGGC CGAA IAGCAGUG	30247
9391	1639	ACUGCUCC A AGGGAGGU	11873		30248
9407	1623	UUGAGGUC C AUGAACCA	11874	<u> </u>	30249
9408	1622	UGAGGUCC A UGAACCAC	11875		30250
9414	1616	CCAUGAAC C ACUCACGA	11876		30251
9415	1615	CAUGAACC A CUCACGAU	11877		30252
9417	1613	UGAACCAC U CACGAUGG	11878		30253
9419	1611	AACCACUC A CGAUGGAC	11879		30254
9428	1602	CGAUGGAC C AAGAACGU	11880	<u> </u>	30255
9429	1601	GAUGGACC A AGAACGUC	11881		30256
9438	1592	AGAACGUC U UUGUUCCA	11882		30257
9445	1585	CUUUGUUC C AACAGUCA	11883		30258
9446	1584	UUUGUUCC A ACAGUCAU	11884		30259
9449	1581	GUUCCAAC A GUCAUCAC	11885	GUGAUGAC CUGAUGAG GCCGUUAGGC CGAA IUUGGAAC	30260

				Table IX	
9453	1577	CAACAGUC A UCACGUAG	11886	CUACGUGA CUGAUGAG GCCGUUAGGC CGAA LACUGUUG	30261
9456	1574	CAGUCAUC A CGUAGUAU	11887	AUACUACG CUGAUGAG GCCGUUAGGC CGAA IAUGACUG	30262
9467	1563	UAGUAUGC A UUGGUGUC	11888	GACACCAA CUGAUGAG GCCGUUAGGC CGAA ICAUACUA	30263
9476	1554	UUGGUGUC A AUCCCUGA	11889		30264
9480	1550	UGUCAAUC C CUGACCGU	11890		30265
9481	1549	GUCAAUCC C UGACCGUG	11891	CACGGUCA CUGAUGAG GCCGUUAGGC CGAA IGAUUGAC	30266
9482	1548	UCAAUCCC U GACCGUGG	11892	CCACGGUC CUGAUGAG GCCGUUAGGC CGAA IGGAUUGA	30267
9486	1544	UCCCUGAC C GUGGUUCA	11893	UGAACCAC CUGAUGAG GCCGUUAGGC CGAA IUCAGGGA	30268
9494	1536	CGUGGUUC A CAGUCCAC	11894	GUGGACUG CUGAUGAG GCCGUUAGGC CGAA LAACCACG	30269
9496	1534	UGGUUCAC A GUCCACUG	11895	CAGUGGAC CUGAUGAG GCCGUUAGGC CGAA IUGAACCA	30270
9500	1530	UCACAGUC C ACUGUCAC	11896	GUGACAGU CUGAUGAG GCCGUUAGGC CGAA IACUGUGA	30271
9501	1529	CACAGUCC A CUGUCACC	11897	GGUGACAG CUGAUGAG GCCGUUAGGC CGAA IGACUGUG	30272
9503	1527	CAGUCCAC U GUCACCUC	11898	GAGGUGAC CUGAUGAG GCCGUUAGGC CGAA IUGGACUG	30273
9507	1523	CCACUGUC A CCUCUCCA	11899	UGGAGAGG CUGAUGAG GCCGUUAGGC CGAA IACAGUGG	30274
9509	1521	ACUGUCAC C UCUCCAUA	11900	UAUGGAGA CUGAUGAG GCCGUUAGGC CGAA IUGACAGU	30275
9510	1520	CUGUCACC U CUCCAUAU	11901	AUAUGGAG CUGAUGAG GCCGUUAGGC CGAA IGUGACAG	30276
9512	1518	GUCACCUC U CCAUAUUC	11902	GAAUAUGG CUGAUGAG GCCGUUAGGC CGAA IAGGUGAC	30277
9514	1516	CACCUCUC C AUAUUCUC	11903	GAGAAUAU CUGAUGAG GCCGUUAGGC CGAA IAGAGGUG	30278
9515	1515	ACCUCUCC A UAUUCUCC	11904	GGAGAAUA CUGAUGAG GCCGUUAGGC CGAA IGAGAGGU	30279
9521	1509	CCAUAUUC U CCAAGCUU	11905	AAGCUUGG CUGAUGAG GCCGUUAGGC CGAA IAAUAUGG	30280
9523	1507	AUAUUCUC C AAGCUUUA	11906	UAAAGCUU CUGAUGAG GCCGUUAGGC CGAA IAGAAUAU	30281
9524	1506	UAUUCUCC A AGCUUUAG	11907	CUAAAGCU CUGAUGAG GCCGUUAGGC CGAA IGAGAAUA	30282
9528	1502	CUCCAAGC U UUAGUGUG	11908	CACACUAA CUGAUGAG GCCGUUAGGC CGAA ICUUGGAG	30283
9548	1482	GAAGGCGC C GCAGGAGU	11909	ACUCCUGC CUGAUGAG GCCGUUAGGC CGAA ICGCCUUC	30284
9551	1479	GGCGCCGC A GGAGUGAU	11910	AUCACUCC CUGAUGAG GCCGUUAGGC CGAA ICGGCGCC	30285
9562	1468	AGUGAUGC U GAAUCUCC	11911	GGAGAUUC CUGAUGAG GCCGUUAGGC CGAA ICAUCACU	30286
9568	1462	GCUGAAUC U CCCUGCCU	11912	AGGCAGGG CUGAUGAG GCCGUUAGGC CGAA IAUUCAGC	30287
9570	1460	UGAAUCUC C CUGCCUGA	11913	UCAGGCAG CUGAUGAG GCCGUUAGGC CGAA IAGAUUCA	30288
9571	1459	GAAUCUCC C UGCCUGAG	11914	CUCAGGCA CUGAUGAG GCCGUUAGGC CGAA IGAGAUUC	30289
9572	1458	AAUCUCCC U GCCUGAGU	11915	ACUCAGGC CUGAUGAG GCCGUUAGGC CGAA IGGAGAUU	30290
9575	1455	CUCCCUGC C UGAGUGGC	11916	GCCACUCA CUGAUGAG GCCGUUAGGC CGAA ICAGGGAG	30291
9576	1454	UCCCUGCC U GAGUGGCU	11917	AGCCACUC CUGAUGAG GCCGUUAGGC CGAA IGCAGGGA	30292
9584	1446	UGAGUGGC U CCAACCUG	11918	CAGGUUGG CUGAUGAG GCCGUUAGGC CGAA ICCACUCA	30293
9586	1444	AGUGGCUC C AACCUGUG	11919	CACAGGUU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU	30294
9587	1443	GUGGCUCC A ACCUGUGU	11920	ACACAGGU CUGAUGAG GCCGUUAGGC CGAA IGAGCCAC	30295
9590	1440	GCUCCAAC C UGUGUGGA	11921	UCCACACA CUGAUGAG GCCGUUAGGC CGAA IUUGGAGC	30296
9591	1439	CUCCAACC U GUGUGGAG	11922	CUCCACAC CUGAUGAG GCCGUUAGGC CGAA IGUUGGAG	30297
9607	1423	GUAGUUUC C GUGCGACU	11923	AGUCGCAC CUGAUGAG GCCGUUAGGC CGAA IAAACUAC	30298
9615	1415	CGUGCGAC U CCACAGUA	11924	UACUGUGG CUGAUGAG GCCGUUAGGC CGAA IUCGCACG	30299
9617	1413	UGCGACUC C ACAGUAGU	11925	ACUACUGU CUGAUGAG GCCGUUAGGC CGAA IAGUCGCA	30300
9618	1412	GCGACUCC A CAGUAGUU	11926	AACUACUG CUGAUGAG GCCGUUAGGC CGAA IGAGUCGC	30301
9620		GACUCCAC A GUAGUUGG	11927		30302
9631	1399	AGUUGGUC C AUGGACAA	11928	UUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAACU	30303
9632	1398	GUUGGUCC A UGGACAAA	11929		30304
9638	1392	CCAUGGAC A AAAAUGGC	11930	GCCAUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUGG	30305
9647	1383	AAAAUGGC C ACUUCGUA	11931	UACGAAGU CUGAUGAG GCCGUUAGGC CGAA ICCAUUUU	30306
9648	1382	AAAUGGCC A CUUCGUAC	11932	GUACGAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUUU	30307
9650	1380		11933	<u> </u>	30308
9657	1373	CUUCGUAC U UGAUAUUC	11934	GAAUAUCA CUGAUGAG GCCGUUAGGC CGAA IUACGAAG	30309
9666	1364	UGAUAUUC U CUUUCAAG	11935	CUUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUCA	30310
9668	1362	AUAUUCUC U UUCAAGAU	11936	AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IAGAAUAU	30311
9672	1358	UCUCUUUC A AGAUGGUU	11937		30312
9682	1348	GAUGGUUC U UCCUAUUG	11938	CAAUAGGA CUGAUGAG GCCGUUAGGC CGAA IAACCAUC	30313
9685	1345	GGUUCUUC C UAUUGCCU	11939		30314
9686	1344	GUUCUUCC U AUUGCCUU	11940		30315
9692	1338	CCUAUUGC C UUGGUAGA	11941	UCUACCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUAGG	30316
9693	1337	CUAUUGCC U UGGUAGAG	11942		30317
9703	1327	GGUAGAGC A GGCAAAUU	11943		30318
9707	1323	GAGCAGGC A AAUUUGGC	11944		30319
9718	1312	UUUGGCGC A UGUGUCAA	11945		30320
9725	1305	CAUGUGUC A AUGCUUCC	11946	GGAAGCAU CUGAUGAG GCCGUUAGGC CGAA IACACAUG	30321

9730	1300	GUCAAUGC U UCCUUUGC	11947		30322
9733	1297	AAUGCUUC C UUUGCCAA	11948	UUGGCAAA CUGAUGAG GCCGUUAGGC CGAA IAAGCAUU	30323
9734	1296	AUGCUUCC U UUGCCAAA	11949	UUUGGCAA CUGAUGAG GCCGUUAGGC CGAA IGAAGCAU	30324
9739	1291	UCCUUUGC C AAAUAAUC	11950	GAUUAUUU CUGAUGAG GCCGUUAGGC CGAA ICAAAGGA	30325
9740	1290	CCUUUGCC A AAUAAUCC	11951	GGAUUAUU CUGAUGAG GCCGUUAGGC CGAA IGCAAAGG	30326
9748	1282	AAAUAAUC C GCAGCCGU	11952	ACGGCUGC CUGAUGAG GCCGUUAGGC CGAA IAUUAUUU	30327
9751	1279	UAAUCCGC A GCCGUUGC	11953		30328
		UCCGCAGC C GUUGCCCC	11954		30329
9754	1276				
9760	1270	GCCGUUGC C CCAGCCCC	11955		30330
9761	1269	CCGUUGCC C CAGCCCCU	11956		30331
9762	1268	CGUUGCCC C AGCCCCUG	11957	<u></u>	30332
9763	1267	GUUGCCCC A GCCCCUGU	11958	ACAGGGGC CUGAUGAG GCCGUUAGGC CGAA IGGGCAAC :	30333
9766	1264	GCCCCAGC C CCUGUCCA	11959	UGGACAGG CUGAUGAG GCCGUUAGGC CGAA ICUGGGGC	30334
9767	1263	CCCCAGCC C CUGUCCAC	11960	GUGGACAG CUGAUGAG GCCGUUAGGC CGAA IGCUGGGG	30335
9768	1262	CCCAGCCC C UGUCCACC	11961	GGUGGACA CUGAUGAG GCCGUUAGGC CGAA IGGCUGGG	30336
9769	1261	CCAGCCCC U GUCCACCA	11962	UGGUGGAC CUGAUGAG GCCGUUAGGC CGAA IGGGCUGG :	30337
9773	1257	CCCCUGUC C ACCACUCC	11963	GGAGUGGU CUGAUGAG GCCGUUAGGC CGAA IACAGGGG	30338
9774	1256	CCCUGUCC A CCACUCCU	11964		30339
9776	1254	CUGUCCAC C ACUCCUUG	11965		30340
		UGUCCACC A CUCCUUGU			30340
9777	1253		11966		
9779	1251	UCCACCAC U CCUUGUCU	11967		30342
9781	1249	CACCACUC C UUGUCUGC	11968	<u></u>	30343
9782	1248	ACCACUCC U UGUCUGCA	11969	<u> </u>	30344
9787	1243	UCCUUGUC U GCACACAA	11970	UUGUGUGC CUGAUGAG GCCGUUAGGC CGAA IACAAGGA	30345
9790	1240	UUGUCUGC A CACAAAAG	11971	CUUUUGUG CUGAUGAG GCCGUUAGGC CGAA ICAGACAA	30346
9792	1238	GUCUGCAC A CAAAAGCU	11972	AGCUUUUG CUGAUGAG GCCGUUAGGC CGAA IUGCAGAC	30347
9794	1236	CUGCACAC A AAAGCUGG	11973	CCAGCUUU CUGAUGAG GCCGUUAGGC CGAA IUGUGCAG	30348
9800	1230	ACAAAAGC U GGGUCAGC	11974	GCUGACCC CUGAUGAG GCCGUUAGGC CGAA ICUUUUGU	30349
9806	1224	GCUGGGUC A GCACGUUU	11975		30350
9809	1221	GGGUCAGC A CGUUUGUC	11976		30351
	1212	Ļ <u> — — — — — — — — — — — — — — — — — —</u>	11977		30352
9818		CGUUUGUC A UUGUGAGC			
9827	1203	UUGUGAGC U UCUCCCAU	11978		30353
9830	1200	UGAGCUUC U CCCAUGGU	11979		30354
9832	1198	AGCUUCUC C CAUGGUCG	11980	<u> </u>	30355
9833	1197	GCUUCUCC C AUGGUCGG	11981	<u> </u>	30356
9834	1196	CUUCUCCC A UGGUCGGG	11982	CCCGACCA CUGAUGAG GCCGUUAGGC CGAA IGGAGAAG	30357
9844	1186	GGUCGGGC A CGCAGCUU	11983	AAGCUGCG CUGAUGAG GCCGUUAGGC CGAA ICCCGACC	30358
9848	1182	GGGCACGC A GCUUUGGU	11984	ACCAAAGC CUGAUGAG GCCGUUAGGC CGAA ICGUGCCC	30359
9851	1179	CACGCAGC U UUGGUGGA	11985	UCCACCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCGUG	30360
9868	1162	GAGAUCGC U GACGGUAG	11986	CUACCGUC CUGAUGAG GCCGUUAGGC CGAA ICGAUCUC	30361
9878	1152	ACGGUAGC C AAAUAGCA	11987	UGCUAUUU CUGAUGAG GCCGUUAGGC CGAA ICUACCGU	30362
9879	1151	CGGUAGCC A AAUAGCAA	11988		30363
9886	1144	CAAAUAGC A AUAACUGC	11989		30364
9892	1138	GCAAUAAC U GCGGACCU	11990	<u> </u>	30365
9899	1131	CUGCGGAC C UCUGCCAG	11991		
				\	30366
9900	1130	UGCGGACC U CUGCCAGG	11992		30367
9902	1128	CGGACCUC U GCCAGGUU	11993		30368
9905	1125	ACCUCUGC C AGGUUGAC	11994		30369
9906	1124	CCUCUGCC A GGUUGACC	11995		30370
9914	1116	AGGUUGAC C GCCUCCAU	11996		30371
9917	1113	UUGACCGC C UCCAUAUU	11997	AAUAUGGA CUGAUGAG GCCGUUAGGC CGAA ICGGUCAA :	30372
9918	1112	UGACCGCC U CCAUAUUC	11998		30373
9920	1110	ACCGCCUC C AUAUUCAU	11999		30374
9921	1109	CCGCCUCC A UAUUCAUC	12000		30375
9927	1103	CCAUAUUC A UCAUCUUC	12001	 	30376
9930	1100	UAUUCAUC A UCUUCACA	12002		30377
9933	1007	UCAUCAUC U UCACAUCG			
			12003		30378
9936	1094	UCAUCUUC A CAUCGAUG	12004		30379
9938	1092	AUCUUCAC A UCGAUGGU	12005	<u> </u>	30380
9951	1079	UGGUAGGC U UGUCCUUA	12006	UAAGGACA CUGAUGAG GCCGUUAGGC CGAA ICCUACCA	30381
9956	1074	GGCUUGUC C UUAGACAU	12007	AUGUCUAA CUGAUGAG GCCGUUAGGC CGAA IACAAGCC	30382

1972 1987	9957	1073	GCUUGUCC U UAGACAUG	12008	CAUGUCUA CUGAUGAG GCCGUUAGGC CGAA IGACAAGC	30383
						30384
						30385
9985 1045 GCGGUGGC C UGCAGACA 12013 UGCGGGA. CGGAGAGA GCGGUAGAG CGAA LCCCGGG 30387 9986 1044 CUGGGGAC C UGCAGAA 12014 GUUCUGA. CGGAGAGA GCGGUAGAG CGAA LCCCGGA 30388 9987 1035 UGGAGAC C AAAUCCAC 12015 GGGGGAGA CGGAGAGA GCGGUAGAG CGAA LCCCGAC 30389 9987 1035 UGGAGAC C AAAUCCAC 12016 GGGGGAGA GCGGUAGAG CGAA LCCCGAC 30389 10001 1029 ACCAAAUC C AAUCCAC 12016 GGGGGAGA GCGGUAGAG CGAA LCCCGAC 30391 10001 1029 ACCAAAUC C ACCACCTUR 12017 ACAUGGGG CGAAUCCAC CGAAUCCAC 30391 10002 1028 ACCAAUCC C ACCACCTUR 12018 AACUGAC GGAAUCCAC GGAAUCCAC 30391 10004 1026 AAAUCCAC C CAUGUUCC 12018 AACUGACC GGAAUCCAC AUGUGGG CGAA LCCCCAC 30391 10005 1025 AAUCCAC C AUGUGCC 12018 AACUGACC GGAAUCCAC AUGUGGA GCGGUAGAG GCGGUAGAG CGAAUCCAC AUGUGGA 12020 ACCAACAC GGAAUCCAC AUGUGGA AUGUGAC AUGUGAC AUGUGACA AUGUGAC AUGUGACA AUGUGAC AUGUGACA AUGUGAC AUGUGACA AUGUGACA AUGUGACAC AUGUGACA AU						30386
9988 1044 (CUICICACE C UNCAGARA 12014 001000 CONTROLLAR						
9988 1035 UGGAGACC A ANDECAC 12016 GGUGGAUU CUANTIGA GCCGUUAGCC GGA TUCKCACA 030390 9998 1035 UGGAGACC A ANDECAC 12016 GGUGGAUU CUANTIGA GCCGUUAGCC GGA TUCKCACA 030390 10001 1029 ACCADAUC C ACCADUUT 12017 ACADGGGU CUANTIGA GCCGUUAGCC GGA TUCKCACA 030390 10001 1029 ACCADAUC C ACCADUUT 12018 ACADGGG CGAGAGG GCCGUUAGCC GGA TUCKCACA 10001 1029 ACACAGGG C CACADUUT 12018 ACADGGG CGAGAGGG GCCGUUAGCC GGA TUCKCACA 10001 1029 ACACAGGG C CACADUUT 12018 ACACAGGG C CACAGGGG C CACAGGG C CACAGGGG C CACAGGG C CACAGG C CACAGGG C CACAGGG C CACAGGG C CACAGGG C CACAGGG C CACAGGG C CACAGG C CACAGGG						
9995 1033 UCGARGARC & AANUCCACC 12016 GUIGRARIU URANIGAG GCCGUURAGC GAA TUTUCUCGA 30390 19996 1034 CGARACC AANUCCACC 12016 GUIGRAGG CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30391 10001 10329 ACCARAUC A CCCAUGUU 12017 ACAUGGGU CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30391 10002 10338 CCARAUCC A CCCAUGUU 12018 AACAGAGG CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30391 10002 10328 AANUCCAC C CAUGUUGCU 12019 GAACAGUG CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30391 10005 1025 AAUCCACC C AUGUUGCU 12019 GACAACHU CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30391 10005 1025 AAUCCACC C AUGUUGCU 12021 AGCAACHU CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30391 10005 1025 AAUCCACC C AUGUUGCU 12021 AGCAACHU CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30391 10006 1024 AUCCACCC C AUGUUGCU 12021 AGCAACHU CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30391 10015 1015 UGUUGCUC C AGACACUC 12021 GUIGACACA CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30391 10015 1015 UGUUGCAC C AGACACUC 12024 GGAGUUCC GUARUGAG GCCGUURAGC GAA TUTUCUCGA 30391 10016 1014 GUUGCAGA A CUCCUUCCA 12024 GGAGUUCC GUARUGAG GCCGUURAGC GAA TUTUCUCGA 30401 10022 1000 CUCCAGACA C UUCCAACA 12026 UUGGAAGG CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30401 10022 1000 CCAGACAC C UUCCAACA 12026 UUGGAAGG CUGANIGAG GCCGUURAGC GAA TUTUCUCGA 30401 10022 1003 CACACCUC C UUCCAACA 12027 UUCCAAGA 12027 UUCCAAG						
9998 [034] CORGRANCE À ANUCCACO. 12016 GGUGRADI CYBATIGAG GCCGUURAGE. CBA TATURICO 30391 10001 1029 ACCARANCE A CECCAUGUI 12017 ACAUGGGG COGAUGAGE. CBA TATURICO 30392 10002 10282 CCARANCE A CECCAUGUI 12018 ACACGGG CUGAUGAG GCCGUURAGE. CBA TATURICO 30393 10004 1026 ANUCCAC C AUGUIGGO 12019 GCARACAGO CUGAUGAG GCCGUURAGE. CBA TATURICO 30393 10004 1026 ANUCCAC C AUGUIGGO 12020 ACACACAGO CUGAUGAG GCCGUURAGE. CBA TATURICO 30393 10006 1024 ANUCCACC C AUGUIGGO 12020 ACACACAGO CUGAUGAG GCCGUURAGE. CBA TATURICO 30393 10006 1024 ANUCCACC C AUGUIGGO 12020 ACACACAC CUGAUGAG GCCGUURAGE. CBA TATURICO 30395 10006 1024 ANUCCACC C AUGUIGGO 12020 ACACACO CUGAUGAG. GCCGUURAGE. CBA TATURICO 30395 10006 1024 ANUCCACC A UGUIGGO 12022 GIGRURAGE GCCGUURAGE. CBA TAGGACAC 30397 10013 1017 CAUGUIGGO CA GACACCO 12024 GAGGACO CUGAUGAG. GCCGUURAGE. CBA TAGCACAC 30399 10016 1016 CUCCAGACA A CICCUTCA 12025 GARAGAGO CUGAUGAG GCCGUURAGE. CBA TAGCACAC 30399 10022 1010 CUCCAGAC A CICCUTCA 12025 GARAGAG CUGAUGAG GCCGUURAGE. CBA TAGCACAC 30399 10022 10036 CAGACAC CUCACACA 12027 UUCCAGAG CUGAUGAG GCCGUURAGE. CBA TAGCACAC 30399 10024 10066 AGACACUC C UUCCAAGA 12027 UUCCAGAG CUGAUGAG GCCGUURAGE. CBA TAGCACAC 30399 10024 10032 ACUCCUTUC C ARAGAGUC 12029 GACUCUTUC GUAUGAG GCCGUURAGE. CGA TAGCACAC 30401 10024 10066 AGACACUC C UUCCAAGA 12027 UUCCAGAG CUGAUGAG GCCGUURAGE. CGA TAGCACAC 30401 10024 10066 AGACACUC C UUCCAAGA 12027 UUCCAGAG GCCGUURAGE. CGA TAGCACAC 30401 10024 10066 AGACACUC C UUCCAAGA 12027 UUCCAGAG GCCGUURAGE. CGA TAGCACAC 30401 10024 10024 10024 CUCUCCA A AGAAGAC 12029 GACUCUTUC GUAUGAG GCCGUURAGE. CGA TAGCACAC 30401 10024						
10002						
10022 1028						
10004 1026						
10005 1025	-		<u> </u>			
100066 1024 NUCCACCC NUTURCUC 12021 GAGCARCA CIGANUAGA GCCGUUNAGC COAN TGAUGUM 30395 10011 1017 NUTURCUC CAGACAC 12022 GAGGARCA CUGAUGAG GCCGUUNAGC COAN CANCAUG 30397 10015 1015 UUUUGCUC CAGACACUC 12024 GAGGARCU CUGAUGAG GCCGUUNAGC COAN CANCAUC 30398 10016 1014 GUUGCUCC CAGACACUC 12024 GAGGARCU CUGAUGAG GCCGUUNAGC COAN TAACAACA 30399 10016 1014 GUUGCUCC CAGACACUC 12024 GAAGGARC CUGAUGAG GCCGUUNAGC COAN TAACAACA 30399 10022 1008 CCCAGACAC CUCUCCAA 12026 UUGGARGA GCCGUUNAGC COAN TUUUUGAG 30401 10022 1008 CCCAGACAC U UCCAAGAA 12027 GUUGGAA CUGAUGAG GCCGUUNAGC COAN TUUUUGAG 30401 10022 1005 GACACUCC UUCCAAGAA 12027 GUUGGAA CUGAUGAG GCCGUUNAGC COAN TUUUUGAG 30402 10025 1005 GACACUCC UUCCAAGAA 12028 UUCUUGAA CUGAUGAG GCCGUUNAGC COAN TUUUUGAG 30402 10028 1001 CUCCUUCC AAGAAGUCU 12039 GACUUCU CUGAUGAG GCCGUUNAGC COAN TAAGAGAGU 30402 10029 1001 CUCCUUCC AAGAAGUCU 12031 AGACAUC CUGAUGAG GCCGUUNAGC COAN TAAGAGAGU 30403 10039 991 GAAGAGUC U GUUGUAC 12031 AGACAUC CUGAUGAG GCCGUUNAGC COAN TAAGAGAGU 30403 10039 991 GAAGAGUC U GUUGUAC 12031 MUGCAAC CUGAUGAG GCCGUUNAGC COAN TAAGAGAGU 30407 10045 985 UUGUUGCC AUCCAAA 12031 UUGGAAC CUGAUGAG GCCGUUNAGC COAN AAGAGAGU 30407 10045 985 UUGUUGCC AUCCAAA 12031 UUGGAAC CUGAUGAG GCCGUUNAGC COAN AAGAGAGU 30407 10045 985 UUGUUGCC AUCCAAA 12031 UUGGAAC CUGAUGAG GCCGUUNAGC COAN AAGACAA 30409 10047 983 UUGUGCC AUCACAC 12039 GUUCAAC CUGAUGAG GCCGUUNAGC COAN AAGACAA 30409 10047 985 UUGUUGCC AUGCAAA 12040 CUUUNGGA GCCGUUNAGC COAN AACACAA 30409 10047 985 UUGUUGCC AUGCAAA 12040 CUUUNGGA GCCGUUNAGC COAN AACACAA 30409 10047 94040 10047 9404 CUUUNGGA GCCGUUNAGC COAN AACACAA 30409						
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10020 1010	10015	1015				
10022 1008	10016	1014				
10024 1006 AGACACICC C UIUCCAAGA 12027 UCUUGGAA CUGAUGAG GCCGUUAGGC CGAA TAGUGUCU 30402 10025 1005 AGCACUCC U UCCAAGAA 12028 UUCUUGGA CUGAUGAG GCCGUUAGGC CGAA TAGUGUCU 30403 30404 30205 1002 ACUCCUUC C AAGAAGUC 12029 AGCUUCUU CUGAUGAG GCCGUUAGGC CGAA TAAGGAGU 30404 30402 30403 30404 30403 30404 30403 30404 30403 30404 30403 30404 30403 30404 30405 30405 30406 30405 30406 30405 30406 30405 30406 30405 30406 30405 30406 30405 30406	10020	1010				
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10028 1002 ACUCCUUC C AAGAAGUCU 12039 GACUUCUU CUGAUGAG GCCGUUAGGC CGAA IAAGGAGU 30404 10029 1001 CUCCUUCC A AGAAGUCU 12031 AAGACUUCU CUGAUGAG GCCGUUAGGC CGAA IAAGGAGU 30405 10037 993 AAGAAGUCU C UGUUGUGCU 12031 AGCAACAG CUGAUGAG GCCGUUAGGC CGAA IAAGACUU 30405 10039 991 GAAGUCU C U GUUGCUCA 12032 UGAGCAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUC 30407 10047 983 UGUUGCUC A UUCCAAG 12034 CCUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAACACAA 30408 10051 979 GCUCAUUC C AAGGCAGU 12035 ACUGCCU CUGAUGAG GCCGUUAGGC CGAA IAACACAA 30408 10052 978 CUCAUUCC AAGGCAGU 12035 AACUGCCU CUGAUGAG GCCGUUAGGC CGAA IAACACAA 30408 10052 978 CUCAUUCC AAGGCAGU 12036 AACUGCCU CUGAUGAG GCCGUUAGGC CGAA IAACACAA 30409 10057 973 UCCAAGGC A GUUGAAC 12036 AACUGCCU CUGAUGAG GCCGUUAGGC CGAA IAACACAA 30410 10065 964 GUUGAAGC GUUGAACC 12037 ACUGCCU CUGAUGAG GCCGUUAGGC CGAA IAACACAA 30411 10079 951 GCUGAGC A GUUGAACC 12038 CAACUUAC CUGAUGAG GCCGUUAGGC CGAA ICUUCACA 30414 10079 951 GCUGGGC CACAAAAGC 12041 CUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICUUCACA 30414 10079 951 GCUGGGC CACAAAAGC 12041 CUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICUUCACA 30414 10082 948 GGGGCCAC CAAAAGCA 12041 CUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICUUCACA 30415 10082 948 GGGGCCAC CAAAAGCA 12041 CUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICUUCACA 30416 10082 948 GGGGCCAC CAAAAGCA 12041 CUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICUUCAC 30416 10082 948 GGGGCCAC CAAAAGCA 12044 CUUGUUU CUGAUGAG GCCGUUAGGC CGAA ICUUCAG 30416 10083 947 GGGCACC AAAGCCAC 12045 GUUGUUU CUGAUGAG GCCGUUAGGC CGAA ICUUCAG 30416 10095 935 CCAAUAGC ACCACAAC 12045 GUUGUUU CUGAUGAG GCCGUUAGGC CGAA ICUUCAG 30416 10104 926 CGACAAAC ACCACAAC 12045 GUUGUUU CUGAUGAG GCCGUUAGGC CGAA ICUUCUG 3042	10024	1006	AGACACUC C UUCCAAGA	12027		
10029 1001	10025	1005	GACACUCC U UCCAAGAA	12028		
10037 993 AAGAAGUC U GUUGUGCU 12031 AGCAACAG CUGAUGAG GCCGUUAGGC GAA IACUUCUU 30406 10039 991 GAAGUCUC U GUUGCUCA 12032 UAGACAAC CUGAUGAG GCCGUUAGGC GCAA IACACUUC 30407 30408 10047 983 UGUUGCUC A UUCCAAGG 12034 CCUUGGAA CUGAUGAG GCCGUUAGGC GCAA ICACACACA 30408 10047 983 UGUUGCUC A AUGCCAGG 12034 CCUUGGAA CUGAUGAG GCCGUUAGGC GCAA IACACACA 30408 10051 979 GCUCAUUC C AAGGCAGU 12035 AACUGCCUU CUGAUGAG GCCGUUAGGC GCAA IACACACA 30410 10052 978 CUCAUUC C AAGGCAGU 12035 AACUGCCU CUGAUGAG GCCGUUAGGC GCAA IACACACA 30410 10052 978 CUCAUUC C AAGGCAGU 12035 AACUGCCU CUGAUGAG GCCGUUAGGC GCAA IACACACA 30411 10057 973 UCCAAGGC GUUAGAGC 12037 GCCUUCAAC CUGAUGAG GCCGUUAGGC GCAA IACUCAC 30413 10073 957 CUGUAAGC UGAAGGCA 12039 GUGGCCCC CUGAUGAG GCCGUUAGGC GCAA ICCUUGAC 30413 10073 957 CUGUAAGC UGAAGGAA 12040 CUUUUGGU CUGAUGAG GCCGUUAGGC GCAA ICCUUACC 30415 10080 950 CUGGGGCC ACCAAAAG 12041 CGUUUUUG CUGAUGAG GCCGUUAGGC GCAA ICCUCAC 30415 10080 950 CUGGGGCC ACCAAAAGC 12041 GCUGUUUU CUGAUGAG GCCGUUAGGC GCAA ICCUCAC 30415 10080 941 CCCAAAAAGC A 12042 UUGCUUUU CUGAUGAG GCCGUUAGGC GCAA ICCCCAGC 30415 10082 948 GGGCCAC AAAAGCAA 12042 UUGCUUU CUGAUGAG GCCGUUAGGC GCAA ICCCCAGC 30417 10083 947 GGGCCAC AAAAGCAA 12042 UUGCUUU CUGAUGAG GCCGUUAGGC GCAA ICCUCAC 30417 10083 947 GGGCCAC AAAAGCAA 12042 UUGCUUU CUGAUGAG GCCGUUAGGC GCAA ICUUUGG 30420 10100 930 ACCACGAC AAAAGCAA 12045 GUUUGUU CUGAUGAG GCCGUUAGGC GCAA ICUUUGG 30421 10104 926 GCAAAAAC AACCACAC 12045 GUUUGUU CUGAUGAG GCCGUUAGGC GCAA IUUUGG 30421 10104 926 GCAAAAAC AACCACAC 12045 GUUUGUU CUGAUGAG GCCGUUAGGC GCAA IUUUGG 30421 10104 926 GCAAAAACA AACCUCUC 12045 GUUUGUG CUGAUGAG GCCGUUAGGC GCAA IUUUGG GCAA ICCCUCC	10028	1002	ACUCCUUC C AAGAAGUC	12029		
10033 991 GAAGUCUC U GUUGCUCA 12032 UUGAGCAAC CUGAUGAG GCCGUUAGGC CGAA IAGACUUC 30407 10045 985 UCUGUUGC U CAUUCCAAG 12034 UUGGAAGA CUGAUGAG GCCGUUAGGC CGAA IAGACACA 30408 10051 979 GCUCAUUC C AAGGCAGU 12035 ACUGCCUU CUGAUGAG GCCGUUAGGC CGAA IAGACACA 30409 10052 978 CUCAUUCC A AGGCAGU 12036 AACUGCCU CUGAUGAG GCCGUUAGGC CGAA IAGACACA 30410 10052 978 CUCAUUCC A AGGCAGU 12036 AACUGCCU CUGAUGAG GCCGUUAGGC CGAA IAGAGGAG 30411 10057 973 UCCAUGAGC A GUUGAGAGC 12037 GCUUCAAC CUGAUGAG GCCGUUAGGC CGAA ICAUCGAG 30411 10066 964 GUUGAAGC UGUAGAGC 12038 CAGCUUAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCAAC 30413 10073 957 CUGUAAGC U GGGCCCAC 12039 GUGGCCCC CUGAUGAG GCCGUUAGGC CGAA ICCUUCAAC 30413 10079 951 GCUGGGGC CACAAAGA 12040 CUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICCUUCAAC 30415 10080 950 CUGGGGCC CAAAAGA 12040 CUUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICCUUCAAC 30415 10082 948 GGGGCCAC CAAAAGCAA 12041 GCUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICCUCCAG 30416 10083 941 GCCACCC AAAAGCAA 12041 GCUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICCCCAGC 30416 10089 941 CCAAAAGC A UAGCACA 12044 CGUGCUAU CUGAUGAG GCCGUUAGGC CGAA IUGCCCCA 30416 10089 941 CCAAAAGC A AUAGCAAC 12044 CGUGCUAU CUGAUGAG GCCGUUAGGC CGAA IUGCGCC 30417 10099 935 GCAAUGAC A CACACAC 12044 CGUGCUAU CUGAUGAG GCCGUUAGGC CGAA IUCUUUGG 30419 10100 930 AGCACACAC ACACACAC 12045 GUUUGUGC CUGAUGAG GCCGUUAGGC CGAA IUCUUUGG 30421 10104 926 CGACAAAC A CACACAC 12045 GUUUGUGC CUGAUGAG GCCGUUAGGC CGAA IUCUUGG 30422 10106 924 ACAAACAC A CACACAC 12047 GAGAGUU CUGAUGAG GCCGUUAGGC CGAA IUCUUGG 30422 10106 924 ACAACACA A CACACAC 12047 GAGAGUU CUGAUGAG GCCGUUAGGC CGAA IUCUGGC 30422 10107 921 ACACACAC CUGAUGGU 12049 AUGCGCAG CUGAUGAG GCCGUUAGGC CGAA IUC	10029	1001	CUCCUUCC A AGAAGUCU	12030		
10045 985	10037	993	AAGAAGUC U CUGUUGCU	12031		
10047 983	10039	991	GAAGUCUC U GUUGCUCA	12032	UGAGCAAC CUGAUGAG GCCGUUAGGC CGAA IAGACUUC	30407
10051 979 GCUCAUUC C AAGGCAGU 12035 ACUGCCUU CUGAUGAG GCCGUUAGGC CGAA IAAUGAGC 30410 10052 978 CUCAUUCC A AGGCAGUU 12036 AACUGCCU CUGAUGAG GCCGUUAGGC CGAA ICAAUGAG 30411 10057 973 UCCAAGGC A GUUGAGAG 12037 GCUUCAAC CUGAUGAG GCCGUUAGGC CGAA ICAAUGAG 30412 10057 973 UCCAAGGC A GUUGAGAG 12038 CAGCUUAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCAC 30413 10073 957 CUGUAGAC U GUAAGCCU 12039 GUGGCCC CUGAUGAG GCCGUUAGGC GGAA ICCUUCACA 30413 10073 957 CUGUAGAC 12039 GUGGCCC CUGAUGAG GCCGUUAGGC GGAA ICCUCACA 30415 10080 955 CUGGGGCC CACAAAAG 12041 GCUUUUGGU CUGAUGAG GCCGUUAGGC GGAA ICCCCCAGC 30415 10080 955 CUGGGGCC ACAAAAGC 12041 GCUUUUGGU CUGAUGAG GCCGUUAGGC GGAA ICCCCCAGC 30415 10080 955 CUGGGCCC AAAGCAA 12042 UUGGUUUU CUGAUGAG GCCGUUAGGC GGAA ICCCCCAG 30415 10080 941 CCAAAAGC AUAGCACA 12042 UUGGUUUU CUGAUGAG GCCGUUAGGC GGAA IGCCCCCA 30417 10083 947 GGGCCAC AAAGCAA 12042 UUGGUUUU CUGAUGAG GCCGUUAGGC GGAA ICUUUUGG 30419 10095 935 GCAAUAGC AUAGCACA 12045 GUUUGUUC CUGAUGAG GCCGUUAGGC GGAA ICUUUUGG 30419 10095 935 GCAAUAGC ACACAAC 12045 GUUUGUUC CUGAUGAG GCCGUUAGGC GGAA ICUUUUGG 30420 10100 930 AGCACGAC AAACCAAC 12045 GUUUGUUC CUGAUGAG GCCGUUAGGC GGAA ICUUUUGG 30421 10104 926 GCACAAC ACUCUC 12047 GAGGAGUU CUGAUGAG GCCGUUAGGC GGAA IUUGUUGU 30422 10106 924 ACAAACAC ACUCUC 12047 GAGGAGUU CUGAUGAG GCCGUUAGGC GGAA IUUGUUGU 30422 10109 921 AACACAAC ACUCUC 12047 GAGGAGUU CUGAUGAG GCCGUUAGGC GGAA IUUGUUGU 30423 10119 921 ACACACAC CUCUGCAU 12049 AUGCAGAG CUGAUGAG GCCGUUAGGC GGAA IUUGUUGU 30423 10119 917 CACACUC UUGAUGAG 12059 CACACCCA CUGAUGAG GCCGUUAGGC GGAA IUUGUUGU 30425 10119 917 CACACUC UUGAUGAG 12059 GAGGCAC CUGAUGAG GCCGUUAGGC GGAA IUGGUUGC GCAA IUGUUGC CAAGC	10045	985	UCUGUUGC U CAUUCCAA	12033	UUGGAAUG CUGAUGAG GCCGUUAGGC CGAA ICAACAGA	30408
10052 978	10047	983	UGUUGCUC A UUCCAAGG	12034	CCUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAGCAACA	30409
10057 973 UCCARGGC A GUUGAGC 12037 GCUUCAC CUGAUGAG GCGUUAGGC CGAA ICCUUGGA 30412 10066 964 GUUGAGCC U GUGAGCCU 12038 CAGCUUAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCAAC 30413 10073 957 CUGUAAGC U GUGAGCCA 12039 GUGGCCC CUGAUGAG GCCGUUAGGC CGAA ICCUCAAC 30414 10079 951 GCUGGGGC CACAAAAG 12040 CUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICCUCAAC 30414 10080 950 CUGGGGGC A CCAAAAGC 12041 GCUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICCCCCAG 30415 10082 948 GGGCCAC AAAGCAA 12042 UUGCUUUU CUGAUGAG GCCGUUAGGC CGAA ICCCCCAG 30416 10082 947 GGGCCAC AAAGCAA 12042 UUGCUUUU CUGAUGAG GCCGUUAGGC CGAA IGCCCC 30417 10083 947 GGGCCAC AAAGCAAC 12044 CGUGCUAU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCC 30418 10089 941 CCAAAAGC A AUAGCACG 12044 CGUGCUAU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCC 30418 10099 935 GCAAUAGC A ACACAAC 12045 GUUUGUG CUGAUGAG GCCGUUAGGC CGAA ICCUUUG 30421 10100 930 AGCACGAC AAACCAAC 12045 GUUUGUG CUGAUGAG GCCGUUAGGC CGAA IUCUUGU 30421 10104 926 GGACAAAC A CACCUCUC 12047 GAGAGUU CUGAUGAG GCCGUUAGGC CGAA IUCUUGUC 30422 10106 924 ACAAACAC A CUCUCUG 12047 GAGAGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUC 30423 10109 921 AACACAAC A CUCUCUG 12047 GAGAGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUC 30423 10109 921 AACACAAC A CUCUCUG 12048 CAGAGAGU CUGAUGAG GCCGUUAGGC CGAA IUUUGUC 30423 10109 921 AACACAAC A CUCUCUG 12049 AUGCAGAG CUGAUGAG GCCGUUAGGC CGAA IUUUGUU 30423 10111 919 CACACUC UCGCAUG 12059 AUGCAGAG CUGAUGAG GCCGUUAGGC CGAA IUUUGUG 30425 10113 917 CACCUCC AUGCAUG 12059 AUGCAGAG CUGAUGAG GCCGUUAGGC CGAA IAGUUCA 30426 10116 914 CUCUCCC AUGCAUG 12051 CACCAUGA CUGAUGAG GCCGUUAGGC CGAA IAGUGCAG 30427 10126 904 GGUGUUC AUGCAUCA 12051 GCUCUAGGG CUGAUGAG GCCGUUAGGC CGAA IAGUGCAG 30427 10129	10051	979	GCUCAUUC C AAGGCAGU	12035	ACUGCCUU CUGAUGAG GCCGUUAGGC CGAA IAAUGAGC	30410
10066 964 GUUGAAGC U GUAAGCUG 12038 CAGCUUAC CUGAUGAG GCCGUUAGGC CGAA ICUUCAAC 30413 10073 957 CUGUAAGC U GGGGCCAC 12039 GUGGCCC CUGAUGAG GCCGUUAGGC CGAA ICUUACAG 30414 10079 951 GCUGGGGC C ACCAAAAG 12040 CUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICCCCAGC 30415 10080 950 CUGGGGCC A CCAAAAGC 12041 GCUUUUGG CUGAUGAG GCCGUUAGGC CGAA ICCCCAGC 30415 10080 950 CUGGGGCC C CAAAAGCAA 12042 UUGCUUUU CUGAUGAG GCCGUUAGGC CGAA IGCCCCAG 30416 10082 948 GGGCCACC AAAGCAAA 12042 UUGCUUUU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCC 30417 10083 947 GGGCCACC AAAGCAAA 12043 AUUGCUUU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCC 30418 10089 941 CCAAAAGC AUAGCACG 12044 CGUGCUAU CUGAUGAG GCCGUUAGGC CGAA ICUUUUGG 30419 10095 935 GCAAUAGC ACCACAAC 12045 GUUUGUCG CUGAUGAG GCCGUUAGGC CGAA ICUUAUUGG 30420 10100 930 AGCACGAC AACACACA ACCUCCUC 12046 GUUGUUGU CUGAUGAG GCCGUUAGGC CGAA ICUUCUUG 30421 10104 926 CGAAACACA ACCUCCUC 12046 GUUGUUGU CUGAUGAG GCCGUUAGGC CGAA IUUGUUG 30422 10106 924 ACAACACA ACCUCCUC 12048 CAGAGAGU CUGAUGAG GCCGUUAGGC CGAA IUUGUUG 30423 10109 921 AACACACA ACCUCCUC 12049 AUGCAGAG CUGAUGAG GCCGUUAGGC CGAA IUUGUUG 30423 10119 921 AACACACA CUCUCGAU 12049 AUGCAGAG CUGAUGAG GCCGUUAGGC CGAA IUUGUUG 30423 10119 921 AACACACC AUGUGGG 12050 CCAUGAGG CUGAUGAG GCCGUUAGGC CGAA IUUGUUG 30423 10113 917 CAACUCUC GCAUGGG 12051 CACCAUGC CUGAUGAG GCCGUUAGGC CGAA IUUGUUG 30423 10114 919 CACAACUC CUGAUGAG 12051 CACCAUGC CUGAUGAG GCCGUUAGGC CGAA IAGAGUC 30425 10113 917 CAACUCUC GAAGGAG 12051 CACCAUGC CUGAUGAG GCCGUUAGGC CGAA IAGAGUG 30427 10126 904 GUUGUUC CAAGCACA 12051 GAUGCUG CUGAUGAG GCCGUUAGGC CGAA IAGAGUG 30427 10126 904 GUUGUUC CAAGCAC 12051 GAUGCUG CUGAUGAG GCCGUUAGGC CGAA IAGAGUC ACC	10052	978	CUCAUUCC A AGGCAGUU	12036	AACUGCCU CUGAUGAG GCCGUUAGGC CGAA IGAAUGAG	30411
10073 957 CUGUAAGC U GGGGCCAC 12039 GUGGCCC CUGAUGAG GCCGUUAGGC CGAA ICUUACAG 30414 10079 951 GCUGGGGC C ACCAAAAG 12040 CUUUUUGG CUGAUGAG GCCGUUAGGC CGAA ICCCCCAG 30415 10080 950 CUGGGGCC A CCAAAAGC 12041 GCUUUUGG CUGAUGAG GCCGUUAGGC CGAA ICCCCCAG 30416 10082 948 GGGGCCAC CAAAAGCAA 12042 UUGCUUUU CUGAUGAG GCCGUUAGGC CGAA IGCCCCAG 30417 10083 947 GGGCCAC AAAGCAAU 12043 AUUGCUUUU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCC 30417 10083 947 GGGCCAC AAAGCAAU 12043 AUUGCUUUU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCC 30418 10089 941 CCAAAAGC AUAGCAAC 12045 GUUUGUGG CUGAUGAG GCCGUUAGGC CGAA ICUUUUGC 30419 10095 935 GCAAUAGC A CACACAC 12045 GUUUGUGG CUGAUGAG GCCGUUAGGC CGAA ICUUUUGC 30419 10095 935 GCAAAAAC AACACACAC 12045 GUUUGUGG CUGAUGAG GCCGUUAGGC CGAA ICUUUUGC 30420 10100 930 AGCACGAAC AACACACC 12045 GUUUGUGG CUGAUGAG GCCGUUAGGC CGAA ICUUUUGC 30421 10104 926 CGACAAAC A CACUCUCU 12047 GAGAGUUG CUGAUGAG GCCGUUAGGC CGAA IUUUGUGG 30422 10106 924 ACAAACAC A ACUCUCUG 12047 GAGAGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUGG 30422 10106 921 AACACACC CUCUGCAU 12047 GAGAGUG CUGAUGAG GCCGUUAGGC CGAA IUUUGUGG 30424 10111 919 CACAACCC U CUCUGCAU 12049 AUGCAGAG CUGAUGAG GCCGUUAGGC CGAA IUUUGUG 30424 10111 919 CACAACCC U CUCUGCAU 12050 CCAUGCAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGU 30425 10113 917 CAACCCC U GUGGGGG CAACACC U CUGAUGAG GCCGUUAGGC CGAA IUUGUGU 30425 10113 917 CAACCCC U GUGGGGG CUGAUGAG GCCGUUAGGC CGAA ICAACACC 10116 914 CUCUCCC A IGGGUGU 12051 CACACACC CUGAUGAG GCCGUUAGGC CGAA ICAACAC 10116 914 CUCUCCC A IGGGUCC CAACACCA 12054 GAUGCUG CUGAUGAG GCCGUUAGGC CGAA ICAACAC 10116 914 GUGGCCC CAACACCA 12055 GAUGGUG CUGAUGAG GCCGUUAGGC CGAA ICAACAC 10116 10116 914 GUGGCCC A	10057	973	UCCAAGGC A GUUGAAGC	12037	GCUUCAAC CUGAUGAG GCCGUUAGGC CGAA ICCUUGGA	30412
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10083 947 GGGCCACC A AAAGCAAU 12043 AUUGCUTU CUGAUGAG GCCGUUAGGC CGAA IGUIGGCCC 30418	10080	950	CUGGGGCC A CCAAAAGC	12041	GCUUUUGG CUGAUGAG GCCGUUAGGC CGAA IGCCCCAG	30416
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10100 930	10089	941	CCAAAAGC A AUAGCACG	12044	CGUGCUAU CUGAUGAG GCCGUUAGGC CGAA ICUUUUGG	30419
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10104 926	10100	930	AGCACGAC A AACACAAC	12046	GUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IUCGUGCU	30421
10106 924		926	CGACAAAC A CAACUCUC	12047	GAGAGUUG CUGAUGAG GCCGUUAGGC CGAA IUUUGUCG	30422
10109 921				12048	CAGAGAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGU	30423
10111 919				12049	AUGCAGAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGUU	30424
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	10198	862	GGCAUAUC C AGGGUUCC	12068	GGAACCCU CUGAUGAG GCCGUUAGGC CGAA TAUAUGCC	30443

10169 861 GCAUAUCC A GGGUUCCU 12069 AGGAACCC CUGAUGAG GCCGUUAGGC CGA		
	A IGAUAUGC	30444
10176 854 CAGGGUUC C UCAAGAUC 12070 GAUCUUGA CUGAUGAG GCCGUUAGGC CGAY	IAACCCUG	30445
W	IGAACCCU	30446
	A IAGGAACC	30447
10185 845 UCAAGAUC C AUGAUUCU 12073 AGAAUCAU CUGAUGAG GCCGUUAGGC CGAA	A IAUCUUGA	30448
	IGAUCUUG	30449
	A IAAUCAUG	30450
	IUAAAAAC	30451
	IGUAAAAA	30452
	A IUAUUUGG	30453
10210 820 CAAAUACC U UGUGGCCU 12079 AGGCCACA CUGAUGAG GCCGUUAGGC CGA	A IGUAUUUG	30454
10217 813 CUUGUGGC C UUGGUGCU 12080 AGCACCAA CUGAUGAG GCCGUUAGGC CGA	A ICCACAAG	30455
10218 812 UUGUGGCC U UGGUGCUG 12081 CAGCACCA CUGAUGAG GCCGUUAGGC CGA	A IGCCACAA	30456
10225 805 CUUGGUGC U GUCCAUCC 12082 GGAUGGAC CUGAUGAG GCCGUUAGGC CGA	A ICACCAAG	30457
10229 801 GUGCUGUC C AUCCAAGC 12083 GCUUGGAU CUGAUGAG GCCGUUAGGC CGA	A IACAGCAC	30458
10230 800 UGCUGUCC A UCCAAGCC 12084 GGCUUGGA CUGAUGAG GCCGUUAGGC CGA	A IGACAGCA	30459
10233 797 UGUCCAUC C AAGCCCCC 12085 GGGGGCUU CUGAUGAG GCCGUUAGGC CGA	A IAUGGACA	30460
10234 796 GUCCAUCC A AGCCCCCU 12086 AGGGGGCU CUGAUGAG GCCGUUAGGC CGA	A IGAUGGAC	30461
10230 732 1.000.2.00 0 0000000 1.000	A ICUUGGAU	30462
10237 731 00021000 0 0000000 12000	A IGCUUGGA	30463
10240 790 CCAAGCCC C CUUCUUGU 12089 ACAAGAAG CUGAUGAG GCCGUUAGGC CGA		30464
	A IGGGCUUG	30465
10011 100 1100000	A IGGGGCUU	30466
10245 785 CCCCCUUC U UGUUCGCU 12092 AGCGAACA CUGAUGAG GCCGUUAGGC CGA		30467
10253 777 UUGUUCGC U AGAGUGCU 12093 AGCACUCU CUGAUGAG GCCGUUAGGC CGA		30468
10202 705 81.61.000 0 100000	A ICACUCUA	30469
	A IAAAGCAC	30470
	A IAGAAAGC	30471
10275 755 CGUGUGUC U GCACUGUC 12097 GACAGUGC CUGAUGAG GCCGUUAGGC CGA		30472
20270 722 000000 7 000000	A ICAGACAC	30473
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10284 746 GCACUGUC A GUGACCUC 12100 GAGGUCAC CUGAUGAG GCCGUUAGGC CGA		30475
	A IGUCACUG	30477
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10303 727 ACUGCGUC U UGAGUGGC 12105 GCCACUCA CUGAUGAG GCCGUUAGGC CGA 10317 713 GGCGUGUC U UGGUGCAU 12106 AUGCACCA CUGAUGAG GCCGUUAGGC CGA		30481
10324 706 CUUGGUGC A UCUUCCAU 12107 AUGGAAGA CUGAUGAG GCCGUUAGGC CGA		30482
10327 703 GGUGCAUC U UCCAUACC 12108 GGUAUGGA CUGAUGAG GCCGUUAGGC CGA		30483
10330 700 GCAUCUUC C AUACCUGA 12109 UCAGGUAU CUGAUGAG GCCGUUAGGC CGA		30484
10331 699 CAUCUUCC A UACCUGAC 12110 GUCAGGUA CUGAUGAG GCCGUUAGGC CGA		30485
10335 695 UUCCAUAC C UGACGUAG 12111 CUACGUCA CUGAUGAG GCCGUUAGGC CGA		30486
10336 694 UCCAUACC U GACGUAGA 12112 UCUACGUC CUGAUGAG GCCGUUAGGC CGA		30487
10346 684 ACGUAGAC U GCUGACUU 12113 AAGUCAGC CUGAUGAG GCCGUUAGGC CGA		30488
10349 681 UAGACUGC U GACUUUGU 12114 ACAAAGUC CUGAUGAG GCCGUUAGGC CGA		30489
10353 677 CUGCUGAC U UUGUGCAC 12115 GUGCACAA CUGAUGAG GCCGUUAGGC CGA	A IUCAGCAG	30490
10360 670 CUUUGUGC A CCAACAGU 12116 ACUGUUGG CUGAUGAG GCCGUUAGGC CGA	A ICACAAAG	30491
10362 668 UUGUGCAC C AACAGUCG 12117 CGACUGUU CUGAUGAG GCCGUUAGGC CGA	A IUGCACAA	30492
10363 667 UGUGCACC A ACAGUCGA 12118 UCGACUGU CUGAUGAG GCCGUUAGGC CGA	A IGUGCACA	30493
10366 664 GCACCAAC A GUCGAUGU 12119 ACAUCGAC CUGAUGAG GCCGUUAGGC CGA		30494
10376 654 UCGAUGUC U UCUGGAUC 12120 GAUCCAGA CUGAUGAG GCCGUUAGGC CGA		30495
10379 651 AUGUCUUC U GGAUCAUU 12121 AAUGAUCC CUGAUGAG GCCGUUAGGC CGA		30496
10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGA		30497
10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGA		30498
10391 639 UCAUUACC A GCCGACAG 12124 CUGUCGGC CUGAUGAG GCCGUUAGGC CGA		30499
10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGA		30500
10398 632 CAGCCGAC A GCACUGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGA		30501
10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGA		30502
10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGA		30503
10408 622 CACUGGGC A UUCAUAAG 12129 CUUAUGAA CUGAUGAG GCCGUUAGGC CGA	A ICCCAGUG	30504

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	Table IX

10412 [103] GROCADUC A UNAGURUM 12130 ARUCACUMA CURANDAG GEORITHAGE (RIAN TANDECCE) 30695 104927 [103] ANAGURUM CA UNCECACAU 12131 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECCE) 30695 104934 [1040] SP8 ANCANDEC A UNUANCEC 12131 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30697 10441 [1040] SP8 CANGERIAC O UNUANCEC 12131 GEORITHAGE CURANDAG GEORITHAGE (RIAN TANDECAM) 30697 10442 [1040] ANDIQUAC C ACADECAU 12131 GEORITHAGE CURANDAG GEORITHAGE (RIAN TANDECAM) 30697 10442 [1041] SP8 ANGURUMC C ACADECAU 12135 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30691 10442 [1041] SP8 UNIANCECA R CANDECAMU 12136 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30691 10445 [1042] SP8 UNIANCECA R CANDECAMU 12136 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30611 10445 [1045] CANDECCEM A UNICOCUMA DE UNICOCUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30611 10449 [1046] SP8 C COCARDIC C UNICOCUMA 1219 CARABAGAM CURANDAG GEORITHAGE (RIAN TANDECAM) 30611 10449 [1047] CANDECCEM A UNICOCUMA DE UNICOCUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30615 10460 [1047] CANDECCEM A UNICOCUMA DE UNICOCUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30615 10460 [1047] CANDECCEM A UNICOCUMA DE UNICOCUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30615 10460 [1047] CANDECCEM A UNICOCUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30615 10470 [1047] SP8 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30615 10470 [1047] SP8 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30615 10470 [1047] SP8 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30615 10470 [1047] SP8 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30615 10470 [1047] SP8 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30615 10470 [1047] SP8 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30615 10470 [1047] SP8 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30611 10470 [1047] SP8 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30611 10470 [1047] SP8 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30611 10470 [1047] SP8 ARUGACUMA CURANDAG GEORITHAGE (RIAN TANDECAM) 30611 10470 [1047] SP8	(· · · -)			1 2 2 2 2 2	AUCACUUA CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC	30505
1985 1988 AUCEUTICO A CHITERIUS 12132 GRADACIUS CIDATINAS (CESTULINGO) COAR TOGARITAN 1965 1964 1985 CAUCUTUM A SUBRICINC 12133 GRADACIUS CUBANIDAS (CESTULINGO) COAR THOCANID 1955 1964 1985 CAUCUTUM 12135	10412					
1985 CALIFORNE O CANCINCO 12133 GGRAINGA CURANDAG COSTULAGO CORA INDOCADO 19550 18441 536 CAURCINIO CO-ACANICOA 12134 UGRAINGI CURANDAG COSTULAGO CORA INDOCADO 36551 18442 588 AUGURIUC C A CAUCCAU 12135 AUGURIUG CURANDAG CONSULAGO CORA INDOCADO 36551 18443 587 UGURIUCC A CURCULU 12136 AUGURIUG CURANDAG COSTULAGO CORA INDOCADO 36551 18445 585 TURICCACA A UCCAURU 12137 CALAGORIA CURANDAG COSTULAGO CORA INDOCADO 36551 18445 585 UURCICCAC A UCCAURU 12137 CALAGORIA CURANDAG COSTULAGO CORA INDOCADO 36551 18444 582 COCACARDO C AUGURIUGO 12137 CALAGORIA CURANDAG COSTULAGO CORA INDOCADO 36551 18449 581 CACARDOC A UURCICUS 12139 CALAGORIA CURANDAG COSTULAGO CORA INDOCADO 36551 18449 581 CALAGORIA CURANDAG 12140 CAURDOCADO CAURDOCADO CARA INDOCADO 36551 18449 581 CALAGORIA CURANDAG CAURDOCADO CARA INDOCADO 36551 18449 581 CALAGORIA CURANDAG CAURDOCADO CARA INDOCADO 36551 18440 184						
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10442 558	\longrightarrow					
1941 1957	10441	589				
10445 555	10442	588				
10449 562	10443	587				
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10454 576	10448	582				
19456 574	10449	581	CCACAUCC A UUGCUCUG	12139		30514
10465 570	10454	576	UCCAUUGC U CUGACAAU	12140		30515
10465 565	10456	574	CAUUGCUC U GACAAUGC	12141		30516
10473 S57	10460	570	GCUCUGAC A AUGCAUAG	12142		30517
10477 553	10465	565	GACAAUGC A UAGGUUCU	12143		30518
10476 552	10473	557	AUAGGUUC U UUCCAGCA	12144	UGCUGGAA CUGAUGAG GCCGUUAGGC CGAA IAACCUAU	30519
10461 549	10477	553	GUUCUUUC C AGCAGCUG	12145	CAGCUGCU CUGAUGAG GCCGUUAGGC CGAA IAAAGAAC	30520
10484 546	10478	552	UUCUUUCC A GCAGCUGU	12146	ACAGCUGC CUGAUGAG GCCGUUAGGC CGAA IGAAAGAA	30521
10502 528	10481	549	UUUCCAGC A GCUGUUGG	12147	CCAACAGC CUGAUGAG GCCGUUAGGC CGAA ICUGGAAA	30522
10555 325	10484	546	CCAGCAGC U GUUGGAAU	12148	AUUCCAAC CUGAUGAG GCCGUUAGGC CGAA ICUGCUGG	30523
10514 516	10502	528	GUGAUGAC A UCUGUGAC	12149	GUCACAGA CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	30524
10520 510	10505	525	AUGACAUC U GUGACGUC	12150	GACGUCAC CUGAUGAG GCCGUUAGGC CGAA IAUGUCAU	30525
10526	10514	516	GUGACGUC A GUAGCAUU	12151	AAUGCUAC CUGAUGAG GCCGUUAGGC CGAA IACGUCAC	30526
10530 500	10520	510	UCAGUAGC A UUUACCGU	12152	ACGGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUACUGA	30527
10533	10526	504	GCAUUUAC C GUCAUCAU	12153	AUGAUGAC CUGAUGAG GCCGUUAGGC CGAA IUAAAUGC	30528
10533	10530	500	UUACCGUC A UCAUCACC	12154	GGUGAUGA CUGAUGAG GCCGUUAGGC CGAA IACGGUAA	30529
10538		497	CCGUCAUC A UCACCUUC	12155	GAAGGUGA CUGAUGAG GCCGUUAGGC CGAA IAUGACGG	30530
10538				12156	AGGGAAGG CUGAUGAG GCCGUUAGGC CGAA IAUGAUGA	30531
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10677 353 CUARDICC U L'UCIDARAN 2151 TUUTUARAN CUGAURIA GEORIUMAGE CAN INFORMACE 1986 10660 350 CUUCUUCU CURANANCE 1987 GARDICURU CUGAURIA GEORIUMAGE CAN INFORMACE 1986 10669 341 CURANACU CURANANCE 1987 ANCHORUCU CUGAURIA GEORIUMAGE CAN ITUUURAA 1986 1988 1989 TURANACUC CUGAURIA GEORIUMAGE CAN ITUUURAA 1986 1989 1989 TURANACUC CUGAURIA GEORIUMAGE CAN ITUUURAA 1986 1989 1989 TURANACUC CUGAURIA GEORIUMAGE CAN ITUUURAA 1986 1989 1989 TURANACUC CUGAURIA GEORIUMAGE CAN ITUUURAA 1989 19	(a a c = = 1	252	CUAGUUCC U UCUUAAAA	12191	UUUUAAGA CUGAUGAG GCCGUUAGGC CGAA IGAACUAG	30566
1933 CULBANANC U CARABORU 12191 ACCUTUCU CYDRINGS (COSMURGE) COAN LUMURAN 19558 10688 341 UNDANACUE A DANAGUEU 12194 ACACUTUCU CYDRINGS (COSMURGE) COAN LUMURAN 19559 107016 324 UNDANACUE A DANAGUEU 12195 ACACUTUC CYDRINGS (COSMURGE) COAN LAGUURUM 19559 107016 324 UNDANACUE CULBARINGS (COSMURGE) COAN LAGUURUM 19559 107016 324 UNDANACUEC U 12197 ACADUTUC CYDRINGS (COAN LAGUURUM 19559 107016 324 UNDANACUE CA CACCUTUC 12197 ACADUTUC CYDRINGS (COAN LAGUURUM 19571 10711 107	\longrightarrow					
1988 343			300000			
1970 1979 GUUTURE N. UCCAUCUSU 12195 AACAGCA CUBARIGA GEOSUBAGE CORA IZARCACE 30571 10776 324 UUCAUCCC U GUUUSUUU 12195 AACAGCA CUBARIGA GEOSUBAGE CORA IZARCACA 30571 10771 309 UUGUUCAC A CACCUCUC 12197 GAGAGGUE CUBARIGA GEOSUBAGE CORA IZARCAA 30571 107721 309 UUGUUCAC A CUCUCCA 12197 GAGAGGUE CUBARIGA GEOSUBAGE CORA IZARCAA 30571 107721 309 UUGUUCACA C UCUCCAUC 12197 GAUGAGG CUBARIGA GEOSUBAGE CORA IZARCAA 30571 107721 306 UUCACACC U CUCCAUCGA 12199 GAUGAGGA CUBARIGA GEOSUBAGE CORA I UUGAGAA 30571 107724 306 UUCACACC U CUCCAUCGA 12209 GAUGAGGA CUBARIGA GEOSUBAGE CORA I UUGAGAA 30571 107724 306 UUCACACC U CUCCAUCGA 12201 AUGAGGAG CUBARIGA GEOSUBAGE CORA I ROBUGGA 30576 107728 302 CACCUUCU C CAUCAGA 12201 AUGAGGAG CUBARIGA GEOSUBAGE CORA I ROBUGGA 30576 107729 301 ACCUUCCC A UCCACACA 12201 AUGAGGAG CUBARIGA GEOSUBAGE CORA I ROBUGGA 30576 107729 301 ACCUUCCC A AUGAGCA 12201 AUGAGGAG CUBARIGA GEOSUBAGE CORA I ROBUGGA 30576 10773 233 AUGAGAUC A GACAGGUU 12201 AUGAGGAG CUBARIGA GEOSUBAGE CORA I ROBUGGA 30578 10774 236 AUGAGACG A GACAGGUU 12201 AUGAGGAG CUBARIGA GEOSUBAGE CORA I ROBUGGA 30578 10774 236 AUGAGAG CUBARIGA GEOSUBAGE CUBARIGA GEOSUBAGE CORA I ROBUGGA 30581 10762 234 AUGAGAG A GUUCAGA 22058 ACGAGGGU AUGAGA GEOSUBAGE CUBARIGA GEOSUBAGE CORA I ROBUGGA 30581 10774 235 AUGAGACC A GUUCAGGA 22058 ACGAGGAC CUBARIGA GEOSUBAGE CORA I ROBUGGA 30581 10774 235 AUGAGACC A GUUCAGGA 22078 ACGAGGA CUBARIGA GEOSUBAGE CORA I ROBUGGA 30581 10775 237 AUGAGACC A GUUCAGA 22078 AUGAGA CUBARIGA GEOSUBAGE CORA I CUBARIGA 30581 10775 235 AUGAGACC A GUUCAGA 22078 AUGAGA CUBARIGA GEOSUBAGE CORA I TUCACAGA 30581 10775 235 AUGAGACC A GUUCAGA 22078 AUGAGAC 22078						
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10721 300 UUSUUCAC A COLUCICA 12199 GANGGAGG CIDANGAG GECUULAGE COAL TURANCAA 30573 10723 307 GUUCACAC C UCICCALOR 12199 GANGGAGA CIDANGAG GECUULAGE COAL TURANCAA 30574 10724 366 UUCACACC U CICCALOR 12201 AUCCARDAG CUBAIGAG GECUULAGE COAL TURANCAA 30574 10724 366 UUCACACC U CICCALOR 12201 AUCCARDAG CUBAIGAG GECUULAGE COAL TURANCA 30574 10726 304 CACCUTUC C AUCCARDC 12201 AUCCARDAG CUBAIGAG GECUULAGE COAL TURANCA 12701 TURANCA 12	10706					
19723 307	10719	311				
19724 306	10721	309				
10726 304 CACACCURU U CENDEGRIU 12201 AUCGINIGE CUGAURIAGE COSTULAGE CORA LAGRUSIUS 30576 10728 302 CACCURUC C AUCGINICE 12202 GGALCURAU CUGAURIAGE COCCULAGE CARA LAGRUSIUS 30577 10736 294 CAUCGAUC C AUCGAUCCA 12203 UGGAUGGA UCRAURIAG GCCGULAGGC CARA LAGRUSIUS 30578 10737 293 AUCGAUCC C ACCACUGC 12204 GCAGUGCU CUGAURIAGE GCCGULAGGC CARA LAGRUSIUS 30579 10737 293 AUCGAUCC C ACCACUGC 12204 GCAGUGCU CUGAURIAGE GCCGULAGGC CARA LAGRUSIUS 30579 10740 290 GAUCCAGC A CUGCUCGG 12206 CCGAGCAG CUGAURIAGE GCCGULAGGC CARA LAGRUSIUS 30581 10742 288 UCCAGACCU UCCUCGGG 12206 CCGAGCAG CUGAURIAGE GCCGULAGGC CARA LAGRUSIUS 30581 10742 288 UCCAGACCU UCCUCGGG 12208 CCGAGCCG CUGAURIAGA GCCGULAGGC CARA LAGRUSIUS 30581 10742 288 UCCAGACCU UCCUCGGG 12208 CCGACCCG CUGAURIAGA GCCGULAGGC CARA LAGRUSIUS 30581 10757 273 GUCGGGAC AUCUCCU 12210 AGGUUCAC CUGAURIAGA GCCGULAGGC CARA LACRUSIUS 10757 256 CUGUGARCC UGAURIAGA 12212 AGGUUCAC CUGAURIAGA GCCGULAGGC CARA LACRUSIUS 10771 255 UGUGARCC UGAURIAGA 12212 GUUCUCU CUGAURIAG GCCGULAGGC CARA LUCACUGA 30585 10770 256 UGUGARCC UGAURIAGA 12212 GUUCUCU CUGAURIAGA GCCGULAGGC CARA LUCACUGA 30586 10791 249 ARBANCGC CARAGRAGA 12212 GUUCUCU CUGAURIAGA GCCGULAGGC CARA LUCACUGA 30586 10792 248 ABANCCCC UGAURIAGA 12214 GUUCUCU CUGAURIAGA GCCGULAGGC CARA LUCACUGA 30586 10792 248 ABANCCCC ARGAGRAGC 12214 GUUCUCU CUGAURIAGA GCCGULAGGC CARA LUCACUGA 30586 10792 248 ABANCCCC ARGAGRAGA 12215 UUUGUGUU CUGAURIAGA GCCGULAGGC CARA LUCACUGA 30586 10792 248 ABANCCCC ARGAGRAGA 12215 UUUGUGUU CUGAURIAGA GCCGULAGGC CARA LUCACUGA 30586 10792 248 ABANCCCC ARGAGRAGA 12214 GUUCUGAGA GCCGULAGGC CARA LUCACUGA 30586 10792 248 AGAGRAGA ACACANA 12215 AUUGUGUU CUGAURIAGA GCCG	10723	307				
10728 302	10724	306	UUCACACC U CUCCAUCG	12200		
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10736 294	10728	302		12202		
10737 293 ADCGARICC A GCACUGCU 12205 AGCARGUGC CUGANUGAG GCCGUUAGGC CGAN IGAUCCAD 30580 10742 288 UCCAGACCA GUUCCUGGGU 12206 CCGAGCAG CUGANUGAG GCCGUUAGGC CGAN ICUCGAUC 30581 10742 288 UCCAGACCA GUUCCAGGU 12208 CCCGACCCG CUGANUGAG GCCGUUAGGC CGAN ICUCUGGA 30581 10745 285 AGCACUGU UCGAGUCGG 12208 CCGACCCG CUGANUGAG GCCGUUAGGC CGAN ICUCUGGA 30581 10757 273 GUUCGAGC AUUCCUCGU 12208 CCGACCCG CUGANUGAG GCCGUUAGGC CGAN ICUCUCGAC 30584 10757 273 GUUCGAGC AUUCCUCGU 12209 ACACCAAN CUGANUGAG GCCGUUAGGC CGAN ICACUCGAC 30584 10767 260 CUGUAGACC UGANGAGA CUGANUGAG CCGUUAGGC CGAN ICACUCGAC 30584 10777 259 UGUGAACC UGANGAGA 12211 GUUCUUCA CUGANUGAG GCCGUUAGGC CGAN ICUCUCAC 30581 10782 248 AGAACGC AGAGGAGC 12213 GCUUCUUC CUGANUGAG GCCGUUAGGC CGAN ICUCUCUU 30580 10782 248 AGAACGC AGAGGAGC 12214 GCUUCUUC UUGANUGAG GCCGUUAGGC CGAN ICUCUCUU 30580 10791 239 AGGAGGC ACACCANA 12215 UUUGUUCA CUGANUGAG GCCGUUAGGC CGAN ICUCUCUU 30580 10792 239 AGGAGGC ACACCANA 12215 UUUGUUGU CUGANUGAG GCCGUUAGGC CGAN ICUCUCUU 30580 10792 239 AGGAGGC ACACCANA 12215 UUUGUUGU CUGANUGAG GCCGUUAGGC CGAN ICUCUCUU 30580 10793 234 AGGAGCC ACACCANA 12215 UUUGUUGU CUGANUGAG GCCGUUAGGC CGAN ICUCUCUU 30590 10794 236 GAGCCAAC AANUCGUU 12217 ACGAUUAG GCCGUUAGGC CGAN ICUCUCUU 30591 10794 236 GAGCCAAC AANUCGUU 12217 ACGAUUAG GCCGUUAGGC CGAN ICUCUCUU 30591 10794 236 GAGCCAAC AANUCGUU 12217 ACGAUUAG GCCGUUAGGC CGAN ICUCUCUU 30591 10794 236 GAGCCAAC AANUCGUU 12218 AUUGGCCC CUUCCGCC 12219 ACGGCCAA GCCGUUAGGC CGAN ICUCUCUU 30591 10795 234 GCCAACCCA AANUCGUU 12218 AUUGGCCC CUUCCGCC 12217 ACGAUUAG GCCGUUAGGC CGAN ICUCUCUU 30591 10796 234 GCCAACCC AANUCGUC 12218 ACGGCCAA GCCGUUAGGC CGAN ICUCUCU 30591 10809 234 CUCUCUCC CUUC	10729	301	ACCUCUCC A UCGAUCCA	12203		
10740 290	10736	294	CAUCGAUC C AGCACUGC	12204		
10742 288	10737	293	AUCGAUCC A GCACUGCU	12205	AGCAGUGC CUGAUGAG GCCGUUAGGC CGAA IGAUCGAU	30580
10745 285	10740	290	GAUCCAGC A CUGCUCGG	12206	CCGAGCAG CUGAUGAG GCCGUUAGGC CGAA ICUGGAUC	30581
10757 273	10742	288	UCCAGCAC U GCUCGGGU	12207	ACCCGAGC CUGAUGAG GCCGUUAGGC CGAA IUGCUGGA	30582
10755 257 GCAAUUSC U GUGARGACU 12210 AGGUUCAC CUGAUGAG GCCGUUAGGC GGA I CALUUCCA 30585 10770 260 CUGUGACA C UGAAGAAC 12211 GUUCUUCA CUGAUGAG GCCGUUAGGC GGA I GUUCACA 30587 10781 249 AAGAAGC U GAAGAACG 12212 GUUCUUCU CUGAUGAG GCCGUUAGGC GGA I GUUCACA 30587 10782 248 AGAACGC C AAGAGAGC 12213 GCUCUCUU CUGAUGAG GCCGUUAGGC GGA I GUUCACA 30587 10782 248 AGAACGC C AAGAGAGC 12213 GCUCUCUU CUGAUGAG GCCGUUAGGC GGA I GUUCACA 30589 10799 240 AAGAGGC C AACACAAA 12215 UUUGUGUU CUGAUGAG GCCGUUAGGC GGA I GUUCUCU 30589 10799 239 AGAGACCC A ACACAAA 12215 UUUGUGUU CUGAUGAG GCCGUUAGGC GGA I GCUCUCUU 30589 10794 236 GAGCACA C ACAAAACGU 12216 AUUUGUGU CUGAUGAG GCCGUUAGGC GGA I CUCUCUU 30590 10794 236 GAGCACA C ACAAACGUU 12216 AUUUGUGU CUGAUGAG GCCGUUAGGC GGA I TUUGUGUC 30591 10794 236 GAGCACAC A CAAAUCGU 12218 AUACGAUC CUGAUGAG GCCGUUAGGC GGA I TUUGUGUC 30591 10794 236 GAGCACAC A CAAAUCGU 12218 AUACGAUC CUGAUGAG GCCGUUAGGC GGA I TUUGUGUC 30591 10889 221 GUUUGGCC CUUGCCGU 12220 CGCCAGCG CUGAUGAG GCCGUUAGGC GGA I TUUGGCC 30591 10810 220 UAJUUGGC CUUGCCGU 12220 ACGGCAGA CUGAUGAG GCCGUUAGGC GGA I TUGUGGC 30591 10811 219 AUUGGCC UUGCCGUC 12221 GACGGCAA CUGAUGAG GCCGUUAGGC GGA I GCCAAUA 30595 10811 219 AUUGGCC UUGCCGUC 12221 GACGGCAA CUGAUGAG GCCGUUAGGC GGA I GCCAAUA 30595 10812 218 UUGGCCCC UUGCCGUC 12221 GACGGCAA CUGAUGAG GCCGUUAGGC GGA I GCCAAUA 30595 10816 214 CCCCUUGC CUGACGAC CUGAUGAC CUGAUGAG GCCGUUAGGC GGA I GCCAAUA 30597 10816 214 CCCCUUGC CUGACGAC CUGAUGAC CUGAUGAG GCCGUUAGGC GGA I GCCAAUA 30597 10824 206 CUGAGAGC CUGACGAC CUGAUGAC CUGAUGAG GCCGUUAGGC GGA I GCCAAUA 30597 10824 206 CUGAGAGC CUGACGAC CUGAUGAG CUGAUGAG GCCGUUAGGC GGA I CAAGGGC 30594 30594 30594 30594 30594 305	10745	285	AGCACUGC U CGGGUCGG	12208	CCGACCCG CUGAUGAG GCCGUUAGGC CGAA ICAGUGCU	30583
10776 267 GCABUUGC U GUGARGCO 12210 AGGUUCAC CUGAUGAG GCCGUUAGGC GGA I CAAUUGC 30886 10771 259 UGUGARAC U GAAGARCG 12212 GCUUCUUCA CUGAUGAG GCCGUUAGGC GGA IGUUCACA 30886 10781 249 AAGAACG C AAGAGACG 12213 GCUUCUUC CUGAUGAG GCCGUUAGGC GGA IGUUCACA 30886 10782 248 AGAACGC C A AGAGAGC 12214 GCUUCUUC CUGAUGAG GCCGUUAGGC GGA IGUUCACA 30587 10781 249 AAGAGGC AAGACAGAC 12213 GCUUCUUC CUGAUGAG GCCGUUAGGC GGA IGUUCACA 30587 10791 240 AAGAGGC AACACAAA 12215 UUUGIGUU CUGAUGAG GCCGUUAGGC GGA IGCGUUCUU 30589 10791 239 AAGAGACC ACACCAAA 12215 UUUGIGUU CUGAUGAG GCCGUUAGGC GGA IGCGUUCUU 30590 10794 236 GAGCCAC A CACACAAU 12216 AUUUGUGU CUGAUGAG GCCGUUAGGC GGA IGCUUCUU 30590 10794 236 GAGCCACC A CACACAAU 12218 AUUGGUU CUGAUGAG GCCGUUAGGC GGA IGCUUCUU 30591 10796 234 GCCACAC A CACACAGU 12218 AUUGGUU CUGAUGAG GCCGUUAGGC GGA IGCUUCUU 30591 10890 221 GUAUGAGC CUUACCGU 12220 ACGGCAGC CUGAUGAG GCCGUUAGGC GGA IGUUGGC GGA IGCGUUAGGC GGA	10757	273	GUCGGAGC A AUUGCUGU	12209	ACAGCAAU CUGAUGAG GCCGUUAGGC CGAA ICUCCGAC	30584
107770 259	10763	267	GCAAUUGC U GUGAACCU	12210	AGGUUCAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC	30585
10771 259		260	CUGUGAAC C UGAAGAAC	12211	GUUCUUCA CUGAUGAG GCCGUUAGGC CGAA IUUCACAG	30586
10781 249 AAGAACGC C AAGAGAGC 12213 GCUCUCUU CUGAUGAG GCCGUUAGGC CGAA IGCUCUCUU 30589 10782 248 AGAACGCC A AGAGAGCC 12214 GCUCUCUU CUGAUGAG GCCGUUAGGC CGAA IGCUCUCUU 30589 107991 239 AGAGGAGC C AACACAAAU 12215 UJUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IGCUCUCUU 30591 107994 236 AGAGCGACA CAAAUCGUU 12216 AJUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IGCUCUCUU 30591 107994 236 AGACCACAC CAAAUCGUU 12217 AJUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IGUCUCUU 30591 107996 234 GCCAACAC CAAAUCGUU 12218 AJUACGAUU CUGAUGAG GCCGUUAGGC CGAA IUUGUGCU 30592 107996 221 GUAUUGGC CCUUAGCG 12219 CGGCAGGGC CUGAUGAG GCCGUUAGGC CGAA IUUGUGCC 30591 10810 220 UAJUGGCC CUUGCCG 12219 CGGCAGGC CUGAUGAG GCCGUUAGGC CGAA ICCCAAUAC 30594 10811 219 AJUGGCCC CUUGCCGU 12221 GACGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCCAAUAC 30595 10812 218 UJUGGCCCC UJGCCGGUC 12221 GACGGCAA CUGAUGAG GCCGUUAGGC CGAA IGCCCAAU 30595 10812 218 UJUGGCCC UJGCCGGUC 12222 CACGGCAA CUGAUGAG GCCGUUAGGC CGAA IGGCCAAU 30595 10812 218 UJGGCCCC UJGCCGGUC 12222 CACGGCAA CUGAUGAG GCCGUUAGGC CGAA IGGCCAAU 30595 10824 206 CGUCGAUCA A GCUCAAC 12223 UGAUCGAC CUGAUGAG GCCGUUAGGC CGAA IGGCCAAU 30597 10824 206 CGUCGAUCA A GCUCAAC 12224 GUUAGGC CUGAUGAG GCCGUUAGGC CGAA IAUCGAC 30598 10824 206 CGUCGAUCA A GACUAGAC 12224 GUUAGGC CUGAUGAG GCCGUUAGGC CGAA IAUCGAC 30600 10830 309 400 CAAGGCCC CAACACAC 12226 GGCUGUAG GCCGUUAGGC CGAA IAUCGAC 30600 10830 309 400 CAAGGCCC CAACACAC 12226 GGCUGUAG GCCGUUAGGC CGAA IAUCGAC 30600 10830 309 400 CAAGGCC CUAUCAG 12226 GGCUGAG CUGAUGAG GCCGUUAGGC CGAA IAUCGAC 30600 30			UGUGAACC U GAAGAACG	12212	CGUUCUUC CUGAUGAG GCCGUUAGGC CGAA IGUUCACA	30587
107982 248				12213	GCUCUCUU CUGAUGAG GCCGUUAGGC CGAA ICGUUCUU	30588
10790			AGAACGCC A AGAGAGCC	12214	GGCUCUCU CUGAUGAG GCCGUUAGGC CGAA IGCGUUCU	30589
10791 239			AAGAGAGC C AACACAAA	12215	UUUGUGUU CUGAUGAG GCCGUUAGGC CGAA ICUCUCUU	30590
10794 236				12216	AUUUGUGU CUGAUGAG GCCGUUAGGC CGAA IGCUCUCU	30591
10796 234 GCCAACAC A ANUCGUAU 12218 AURCGAUU CUGAUGAG GCCGUUAGGC CGAA TUGUUGGC 30593 10809 221 GUAUUGGC C CUUGCCGU 12220 ACGCAAG CUGAUGAG GCCGUUAGGC CGAA TCCAAUAC 30595 10810 229 UAUUGGCC C CUUGCCGU 12221 GACGGCAAG CUGAUGAG GCCGUUAGGC CGAA TGCCAAUA 30595 10811 219 AUUGGCCC C UUGCCGUC 12221 GACGGCAA CUGAUGAG GCCGUUAGGC CGAA TGCCAAUA 30595 10812 218 UUGGCCCC UUGCCGUC 12221 GACGGCAA CUGAUGAG GCCGUUAGGC CGAA TGCCCAAU 30596 10812 218 UUGGCCCC U UGCCGUCG 12223 CGACGGCA CUGAUGAG GCCGUUAGGC CGAA TGCCCAAU 30596 10824 206 CGUCGAUCA 12224 GUUCAGCC CUGAUGAG GCCGUUAGGC CGAA TACAGGGG 30598 10824 206 CGUCGAUC A GCUCAAC 12224 GUUCAGCC CUGAUGAG GCCGUUAGGC CGAA TACAGGGG 30598 10824 206 GGUCCAAC 12224 GUUCAGCC CUGAUGAG GCCGUUAGGC CGAA TACAGGGG 30599 10838 202 GAUCAGGC U CAACAUAG 12225 CUMIGUUG CUGAUGAG GCCGUUAGGC CGAA TACCAUGA 30601 10830 197 GGCUCAAC A ACAUAGCC 12227 GAGGGCUA CUGAUGAG GCCGUUAGGC CGAA TACCAUGA 30601 10839 192 AACAUAGCC CUCUCAGU 12227 GAGGGCUA CUGAUGAG GCCGUUAGGC CGAA TACCAUGA 30601 10839 191 ACAUAGCC UCUCAGU 12228 CUGAAGAG CUGAUGAG GCCGUUAGGC CGAA TUUGAGCC 30601 10839 191 ACAUAGCC UUCAGGU 12230 GACUGAAG CUGAUGAG GCCGUUAGGC CGAA TUUGAGC 30601 10840 190 CAUAGCC U UCAGGCC 12231 UGACGGA CUGAUGAG GCCGUUAGGC CGAA TGCCUGA 30601 10842 188 UAGCCCUC UUCAGGC 12231 UGACGGA CUGAUGAG GCCGUUAGGC CGAA TACAGGG 108406 10840 181 CUUCAGUC A GCCCAAUC 12231 GACUGAAG CUGAUGAG GCCGUUAGGC CGAA TACAGGG 108406 10840 181 CUUCAGUC A GCCCAAUC 12231 GACUGAAG CUGAUGAG GCCGUUAGGC CGAA TACAGGG CGAUGAGC CGAA TACAGGG CGAA TACAGGG CGAA TACAGGG CGAA TACAGGG CGAGGCC CGAAGGGC CGAAGGGC CUGAUGAG CCCGUUAGGC CGA			GAGCCAAC A CAAAUCGU	12217	ACGAUUUG CUGAUGAG GCCGUUAGGC CGAA IUUGGCUC	30592
10809 221				12218	AUACGAUU CUGAUGAG GCCGUUAGGC CGAA IUGUUGGC	30593
10810 220				12219	CGGCAAGG CUGAUGAG GCCGUUAGGC CGAA ICCAAUAC	30594
10811 219				12220	ACGGCAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAAUA	30595
10812 218				12221	GACGGCAA CUGAUGAG GCCGUUAGGC CGAA IGGCCAAU	30596
10816 214				12222	CGACGGCA CUGAUGAG GCCGUUAGGC CGAA IGGGCCAA	30597
10824 206				12223	UGAUCGAC CUGAUGAG GCCGUUAGGC CGAA ICAAGGGG	30598
10828 202				12224	GUUGAGCC CUGAUGAG GCCGUUAGGC CGAA IAUCGACG	30599
10830 200				Ļ	CUAUGUUG CUGAUGAG GCCGUUAGGC CGAA ICCUGAUC	30600
10833 197 GGCUCAAC A UAGCCCUC 12227 GAGGGCUA CUGAUGAG GCCGUUAGGC CGAA IUUGAGC 30602						30601
10838 192			l			
10839						30603
10840			<u> </u>			
10842 188 UAGCCCUC U UCAGUCCA 12211 UGGACUGA CUGAUGA GCCGUUAGGC CGAA IAGGGCUA 30606 10845 185 CCCUCUUC A GUCCAAUC 12232 GAUUGGAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGGG 30607 10849 181 CUUCAGUC C AAUCAAGG 12233 CCUUGAUU CUGAUGAG GCCGUUAGGC CGAA IACUGAAG 30608 10850 180 UUCAGUCC A AUCAAGGA 12234 UCCUUGAU CUGAUGAG GCCGUUAGGC CGAA IACUGAA 30609 10854 176 GUCCAAUC A AGGACAAC 12235 GUUGUCCU CUGAUGAG GCCGUUAGGC CGAA IAUUGGAC 30610 10860 170 UCAAGGAC A ACACGCGG 12236 CCGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA 30611 10872 158 CGCGGGGC A UCCGCGU 12237 GCCCCGCG CUGAUGAG GCCGUUAGGC CGAA IUCUCU 30613 10876 154 GGGCAUUC C GCGUUUUA 12239 UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IUCCCGGG 30613 10877 158 CGCGGGGC A UAUCAGAA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA IAUGCCC 30614 10887						30605
10845 185 CCCUCUUC A GUCCAAUC 12232 GAUUGGAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGGG 30607 10849 181 CUUCAGUC C AAUCAAGG 12233 CCUUGAUU CUGAUGAG GCCGUUAGGC CGAA IACUGAAG 30608 10850 180 UUCAGUCC A AUCAAGGA 12234 UCCUUGAU CUGAUGAG GCCGUUAGGC CGAA IACUGAA 30609 10854 176 GUCCAAUC A AGGACAAC 12235 GUUGUCCU CUGAUGAG GCCGUUAGGC CGAA IAUUGGAC 30610 10860 170 UCAAGGAC A ACACGCGG 12236 CCGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU 30611 10863 167 AGGACAAC A CGCGGGC 12237 GCCCCGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU 30612 10872 158 CGCGGGGC A UUCCGCGU 12238 ACGCGGGA CUGAUGAG GCCGUUAGGC CGAA IACCCCGCG 30613 10876 154 GGGCAUUC C GCGUUUUA 12239 UAAAACCC CUGAUGAG GCCGUUAGGC CGAA IACUAAAAC 30615 10887 143 GUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAAC 30615 10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA ICCGGUCAA 30618						
10849 181 CUUCAGUC C AAUCAAGG 12233 CCUUGAUU CUGAUGAG GCCGUUAGGC CGAA IACUGAAG 30608 10850 180 UUCAGUC A AUCAAGGA 12234 UCCUUGAU CUGAUGAG GCCGUUAGGC CGAA IGACUGAA 30609 10854 176 GUCCAAUC A AGGACAAC 12235 GUUGUCU CUGAUGAG GCCGUUAGGC CGAA IAUUGGAC 30610 10860 170 UCAAGGAC A ACACGCGG 12236 CCGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA 30611 10863 167 AGGACAAC A CGCGGGC 12237 GCCCCGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU 30612 10872 158 CGCGGGGC A UUCCGCGU 12238 ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA IAUUGCCU 30613 10876 154 GGGCAUUC C GCGCUUUA 12239 UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAUGACA 30614 10887 143 GUUUUAGC A UUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30615 10895 135 AUAUUGAC A GCCCGGC 12241				-	l	
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10854 176 GUCCAAUC A AGGACAC 12235 GUUGUCCU CUGAUGAG GCCGUUAGGC CGAA IAUUGGAC 30610 10860 170 UCAAGGAC A ACACGCGG 12236 CCGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA 30611 10863 167 AGGACAAC A CGCGGGC 12237 GCCCCGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU 30612 10872 158 CGCGGGGC A UUCCGCGU 12238 ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG GCGC 30613 10876 154 GGGCAUUC C GCGUUUUA 12239 UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC 30614 30615 10887 143 GUUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICCAAAAC 30615 30615 10898 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA ICCAAUAU 30616 30617 10899 131 UGACAGC C CGGCUCUU 12242 AAGAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCGGCU 30618 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICCAGGC 30621 30622 10914 116 UGCCGGGC C CUCCUGGU						+
10860 170 UCAAGGAC A ACACGCGG 12236 CCGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA 30611 10863 167 AGGACAAC A CGCGGGGC 12237 GCCCCGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUCCU 30612 10872 158 CGCGGGGC A UUCCGCGU 12238 ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG 30613 10876 154 GGGCAUUC C GCGUUUUA 12239 UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC 30614 10887 143 GUUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30615 10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU 30616 10898 132 UUGACAGC C CGGCUCUU 12242 AAGAGCCC CUGAUGAG GCCGUUAGGC CGAA ICUGAUAA 30617 10899 131 UGACAGCC C GGCUCUU 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICCUGUCA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGGC 30629 10909 125 CCCGGCCU U UGCCGGG 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12246 GAGGGCC CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C CUCCUGGUU 12248						
10863 167 AGGACAAC A CGCGGGGC 12237 GCCCCGCG CUGAUGAG CCGAA IUUGUCCU 30612 10872 158 CGCGGGGC A UUCCGCGU 12238 ACGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG 30613 10876 154 GGGCAUUC C GCGUUUWA 12239 UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC 30614 10887 143 GUUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30615 10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU 30616 10898 132 UUGACAGC C GGCUCUU 12242 AAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30617 10899 131 UGACAGCC C GGCUCUU 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30618 10903 127 AGCCCG						
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10876 154 GGGCAUUC C GCGUUUUA 12239 UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC 30614 10887 143 GUUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30615 10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU 30616 10898 132 UUGACAGC C CGGCUCUU 12242 AAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30617 10899 131 UGACAGC C GGCUCUU 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGGC 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10919 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICCAGGA 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGA CUGAUGAG GCCGUUAGGC CGAA ICCCGGC 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGG 30623						
10887 143 GUUUUAGC A UAUUGACA 12240 UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUAAAAC 30615 10895 135 AUAUUGAC A GCCCGGCU 12241 AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU 30616 10898 132 UUGACAGC C CGGCUCUU 12242 AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30617 10899 131 UGACAGCC C GGCUCUUG 12243 CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA 30618 10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGGC 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUUU 12249 AAACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625						
10895135AUAUUGAC A GCCCGGCU12241AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU3061610898132UUGACAGC C CGGCUCUU12242AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA3061710899131UGACAGCC C GGCUCUUG12243CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCA3061810903127AGCCCGGC U CUUGCCGG12244CCCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU3061910905125CCCGGCUC U UGCCGGC12245GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG3062010909121GCUCUUGC C GGGCCCUC12246GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC3062110914116UGCCGGGC C CUCCUGGU12247ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA3062210915115GCCGGGCC C UCCUGGUU12248AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC3062310916114CCGGGCCC U CCUGGUU12249AACCAGG CUGAUGAG GCCGUUAGGC CGAA IGCCCGG3062410918112GGGCCCUC C UGGUUUCU12250AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGCCC30625						
10898132UUGACAGC C CGGCUCUU12242AAGAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA3061710899131UGACAGCC C GGCUCUUG12243CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA3061810903127AGCCCGGC U CUUGCCGG12244CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU3061910905125CCCGGCUC U UGCCGGC12245GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG3062010909121GCUCUUGC C GGGCCCUC12246GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC3062110914116UGCCGGGC C CUCCUGGU12247ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA3062210915115GCCGGGCC C UCCUGGUU12248AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC3062310916114CCGGGCCC U CCUGGUU12249AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGCCCGG3062410918112GGGCCCUC C UGGUUUCU12250AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGCCC30625						
10899131UGACAGCC C GGCUCUUG12243CAAGAGCC CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA3061810903127AGCCCGGC U CUUGCCGG12244CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU3061910905125CCCGGCUC U UGCCGGGC 12245GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG3062010909121GCUCUUGC C GGGCCCUC 12246GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICCAGGAG3062110914116UGCCGGGC C CUCCUGGU 12247ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 3062210915115GCCGGGCC C UCCUGGUU 12248AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 3062310916114CCGGGCCC U CCUGGUUU 12249AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 3062410918112GGGCCCUC C UGGUUUCU 12250AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625				 		
10903 127 AGCCCGGC U CUUGCCGG 12244 CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICCGGGCU 30619 10905 125 CCCGGCUC U UGCCGGGC 12245 GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG 30620 10909 121 GCUCUUGC C GGGCCCUC 12246 GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC 30621 10914 116 UGCCGGGC C CUCCUGGU 12247 ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 30622 10915 115 GCCGGGCC C UCCUGGUU 12248 AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 30623 10916 114 CCGGGCCC U CCUGGUUU 12249 AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 30624 10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625						
10905125CCCGGCUC U UGCCGGGC12245GCCCGGCA CUGAUGAGGCCGUUAGGCCGAA IAGCCGGG3062010909121GCUCUUGC C GGGCCCUC12246GAGGGCCC CUGAUGAGGCCGUUAGGCCGAA ICAAGAGC3062110914116UGCCGGGC C CUCCUGGU12247ACCAGGAG CUGAUGAGGCCGUUAGGCCGAA ICCCGGCA3062210915115GCCGGGCC C UCCUGGUU12248AACCAGGA CUGAUGAGGCCGUUAGGCCGAA IGCCCGGC3062310916114CCGGGCCC U CCUGGUUU12249AAACCAGG CUGAUGAGGCCGUUAGGCCGAA IGGCCCGG3062410918112GGGCCCUC C UGGUUUCU12250AGAAACCA CUGAUGAGGCCGUUAGGCCGAA IAGGGCCC30625						
10909121GCUCUUGC C GGGCCCUC12246GAGGGCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC3062110914116UGCCGGGC C CUCCUGGU 12247ACCAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCGGCA 3062210915115GCCGGGCC C UCCUGGUU 12248AACCAGGA CUGAUGAG GCCGUUAGGC CGAA IGCCCGGC 3062310916114CCGGGCCC U CCUGGUUU 12249AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IGGCCCGG 3062410918112GGGCCCUC C UGGUUUCU 12250AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625						+
10914116UGCCGGGCC CUCCUGGU12247ACCAGGAGCUGAUGAGGCCGUUAGGCCGAAICCCGGCA3062210915115GCCGGGCCC UCCUGGUU12248AACCAGGACUGAUGAGGCCGUUAGGCCGAAIGCCCGGC3062310916114CCGGGCCCU CCUGGUUU12249AAACCAGGCUGAUGAGGCCGUUAGGCCGAAIGGCCCGG3062410918112GGGCCCUCC UGGUUUCU12250AGAAACCACUGAUGAGGCCGUUAGGCCGAAIAGGGCCC30625						+
10915115GCCGGGCCC UCCUGGUU12248AACCAGGACUGAUGAGGCCGUUAGGCCGAAIGCCCGGC3062310916114CCGGGCCCU CCUGGUUU12249AAACCAGGCUGAUGAGGCCGUUAGGCCGAAIGGCCCGG3062410918112GGGCCCUCC UGGUUUCU12250AGAAACCACUGAUGAGGCCGUUAGGCCGAAIAGGGCCC30625				+		
10916114CCGGGCCC U CCUGGUUU12249AAACCAGG CUGAUGAG GCCGUUAGGCCGAA IGGCCCGG3062410918112GGGCCCUC C UGGUUUCU12250AGAAACCA CUGAUGAG GCCGUUAGGCCGAA IAGGGCCC30625						+
10918 112 GGGCCCUC C UGGUUUCU 12250 AGAAACCA CUGAUGAG GCCGUUAGGC CGAA IAGGGCCC 30625						
						+
10919 111 GGCCCUCC U GGUUUCUU 12251 AAGAAACC CUGAUGAG GCCGUUAGGC CGAA IGAGGGCC 30626						+
	10919	111	I eeccarc n eennacan	12251	AAGAAACC CUGAUGAG GCCGUUAGGC CGAA IGAGGGCC	30626

Table IX

10926	104	CUGGUUUC U UAGACAUC	12252	GAUGUCUA CUGAUGAG GCCGUUAGGC CGAA IAAACCAG	30627
10932	98	UCUUAGAC A UCGAGAUC	12253	GAUCUCGA CUGAUGAG GCCGUUAGGC CGAA IUCUAAGA	30628
10941	89	UCGAGAUC U UCGUGCUA	12254	UAGCACGA CUGAUGAG GCCGUUAGGC CGAA IAUCUCGA	30629
10948	82	CUUCGUGC U AAGAAACA	12255	UGUUUCUU CUGAUGAG GCCGUUAGGC CGAA ICACGAAG	30630
10956	74	UAAGAAAC A GCUCGCAC	12256	GUGCGAGC CUGAUGAG GCCGUUAGGC CGAA IUUUCUUA	30631
10959	71	GAAACAGC U CGCACUGU	12257	ACAGUGCG CUGAUGAG GCCGUUAGGC CGAA ICUGUUUC	30632
10963	67	CAGCUCGC A CUGUGUUA	12258	UAACACAG CUGAUGAG GCCGUUAGGC CGAA ICGAGCUG	30633
10965	65	GCUCGCAC U GUGUUAAU	12259	AUUAACAC CUGAUGAG GCCGUUAGGC CGAA IUGCGAGC	30634
10985	45	UGUUAAUC C UCACAAAC	12260	GUUUGUGA CUGAUGAG GCCGUUAGGC CGAA IAUUAACA	30635
10986	44	GUUAAUCC U CACAAACA	12261	UGUUUGUG CUGAUGAG GCCGUUAGGC CGAA IGAUUAAC	30636
10988	42	UAAUCCUC A CAAACACU	12262	AGUGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGAUUA	30537
10990	40	AUCCUCAC A AACACUAC	12263	GUAGUGUU CUGAUGAG GCCGUUAGGC CGAA IUGAGGAU	30638
10994	36	UCACAAAC A CUACUAAG	12264	CUUAGUAG CUGAUGAG GCCGUUAGGC CGAA IUUUGUGA	30639
10996	34	ACAAACAC U ACUAAGUU	12265	AACUUAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGU	30640
10999	31	AACACUAC U AAGUUUGU	12266	ACAAACUU CUGAUGAG GCCGUUAGGC CGAA IUAGUGUU	30641
11009	21	AGUUUGUC A GCUCACAC	12267	GUGUGAGC CUGAUGAG GCCGUUAGGC CGAA IACAAACU	30642
11012	18	UUGUCAGC U CACACAGG	12268	CCUGUGUG CUGAUGAG GCCGUUAGGC CGAA ICUGACAA	30643
11014	16	GUCAGCUC A CACAGGCG	12269	CGCCUGUG CUGAUGAG GCCGUUAGGC CGAA IAGCUGAC :	30644
11016	14	CAGCUCAC A CAGGCGAA	12270	UUCGCCUG CUGAUGAG GCCGUUAGGC CGAA IUGAGCUG	30645
11018	12	GCUCACAC A GGCGAACU	12271	AGUUCGCC CUGAUGAG GCCGUUAGGC CGAA IUGUGAGC	30646

Input Sequence = AF196835_rc. Cut Site = CH/.
Arm Length = 8. Core Sequence = CUGAUGAG GCCGUUAGGC CGAA
AF196835_rc reverse complement of West Nile virus strain NY99flamingo382-99, complete genome

Table X: WNV minus strand Zinzyme and Target Sequence

Pos	Pos	Substrate	Seq ID	Ribozyme	Rz Seq
	(+str)				ID
10	11020	GAUCCUGU G UUCUCGCA	12272	UGCGAGAA GCCGAAAGGCGAGUGAGGUCU ACAGGAUC	30647
16	11014	GUGUUCUC G CACCACCA	12273	UGGUGGUG GCCGAAAGGCGAGUGAGGUCU GAGAACAC	30648
25	11005	CACCACCA G CCACCAUU	12274	AAUGGUGG GCCGAAAGGCGAGUGAGGUCU UGGUGGUG	30649
34	10996	CCACCAUU G UCGGCGCA	12275	UGCGCCGA GCCGAAAGGCGAGUGAGGUCU AAUGGUGG	30650
38	10992	CAUUGUCG G CGCACUGU	12276	ACAGUGCG GCCGAAAGGCGAGUGAGGUCU CGACAAUG	30651
40	10990	UUGUCGGC G CACUGUGC	12277	GCACAGUG GCCGAAAGGCGAGUGAGGUCU GCCGACAA	30652
45	10985	GGCGCACU G UGCCGUGU	12278	ACACGGCA GCCGAAAGGCGAGUGAGGUCU AGUGCGCC	30653
47	10983	CGCACUGU G CCGUGUGG	12279	CCACACGG GCCGAAAGGCGAGUGAGGUCU ACAGUGCG	30654
50	10980	ACUGUGCC G UGUGGCUG	12280	CAGCCACA GCCGAAAGGCGAGUGAGGUCU GGCACAGU	30655 .
52	10978	ngneccen e neecneen	12281	ACCAGCCA GCCGAAAGGCGAGUGAGGUCU ACGGCACA	30656
55	10975	eccenene e cneennen	12282	ACAACCAG GCCGAAAGGCGAGUGAGGUCU CACACGGC	30657
59	10971	UGUGGCUG G UUGUGCAG	12283	CUGCACAA GCCGAAAGGCGAGUGAGGUCU CAGCCACA	30658
62	10968	GGCUGGUU G UGCAGAGC	12284	GCUCUGCA GCCGAAAGGCGAGUGAGGUCU AACCAGCC	30659
64	10966	CUGGUUGU G CAGAGCAG	12285	CUGCUCUG GCCGAAAGGCGAGUGAGGUCU ACAACCAG	30660
- 69	10961	UGUGCAGA G CAGAAGAU	12286	AUCUUCUG GCCGAAAGGCGAGUGAGGUCU UCUGCACA	30661
84	10946	AUCUCCUA G UCUAUCCC	12287	GGGAUAGA GCCGAAAGGCGAGUGAGGUCU UAGGAGAU	30662
95	10935	UAUCCCAG G UGUCAAUA	12288	UAUUGACA GCCGAAAGGCGAGUGAGGUCU CUGGGAUA	30663
97	10933	UCCCAGGU G UCAAUAUG	12289	CAUAUUGA GCCGAAAGGCGAGUGAGGUCU ACCUGGGA	30664
105	10925	GUCAAUAU G CUGUUUUG	12290	CAAAACAG GCCGAAAGGCGAGUGAGGUCU AUAUUGAC	30665
108	10922	AAUAUGCU G UUUUGUUG	12291	CAACAAAA GCCGAAAGGCGAGUGAGGUCU AGCAUAUU	30666
113	10917	GCUGUUUU G UUGUGGUG	12292	CACCACAA GCCGAAAGGCGAGUGAGGUCU AAAACAGC	3,0667
116	10914	GUUUUGUU G UGGUGUUU	12293	AAACACCA GCCGAAAGGCGAGUGAGGUCU AACAAAAC ACAAAACA GCCGAAAGGCGAGUGAGGUCU CACAACAA	30668
119	10911	GUUGUGGU G UGUUUUGU	12294	CCACAAAA GCCGAAAGGCGAGUGAGGUCU ACCACAAC	30670
126	10909	GGUGUUUU G UGGCACGG	12296	CCGUGCCA GCCGAAAGGCGAGUGAGGUCU AAAACACC	30670
129	10904	GUUUUGUG G CACGGGGU	12297	ACCCCGUG GCCGAAAGGCGAGUGAGGUCU CACAAAAC	30672
136	10894	GGCACGGG G UCUCCACU	12298	AGUGGAGA GCCGAAAGGCGAGUGAGGUCU CCCGUGCC	30673
153	10877	AACCUCUA G UCCUUCCC	12299	GGGAAGGA GCCGAAAGGCGAGUGAGGUCU UAGAGGUU	30674
172	10858	GACCUACA G CUUCAGUC	12300	GACUGAAG GCCGAAAGGCGAGUGAGGUCU UGUAGGUC	30675
178	10852	CAGCUUCA G UCAGGCUG	12301	CAGCCUGA GCCGAAAGGCGAGUGAGGUCU UGAAGCUG	30676
183	10847	UCAGUCAG G CUGGGCCG	12302	CGGCCCAG GCCGAAAGGCGAGUGAGGUCU CUGACUGA	30677
188	10842	CAGGCUGG G CCGUGCAC	12303	GUGCACGG GCCGAAAGGCGAGUGAGGUCU CCAGCCUG	30678
191	10839	GCUGGGCC G UGCACUUU	12304	AAAGUGCA GCCGAAAGGCGAGUGAGGUCU GGCCCAGC	30679
193	10837	UGGGCCGU G CACUUUAA	12305	UUAAAGUG GCCGAAAGGCGAGUGAGGUCU ACGGCCCA	30680
205	10825	UUUAAACC G CGGGGUCU	12306	AGACCCCG GCCGAAAGGCGAGUGAGGUCU GGUUUAAA	30681
210	10820	ACCGCGGG G UCUCCUCU .	12307	AGAGGAGA GCCGAAAGGCGAGUGAGGUCU CCCGCGGU	30682
227	10803	AACCUCUA G UCCUUUCG	12308	CGAAAGGA GCCGAAAGGCGAGUGAGGUCU UAGAGGUU	30683
235	10795	GUCCUUUC G CCCUGGUU	12309	AACCAGGG GCCGAAAGGCGAGUGAGGUCU GAAAGGAC	30684
241	10789	UCGCCCUG G UUAACACC	12310	GGUGUUAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGA	30685
259	10771	UUACCGGG G CUAGGGCC	12311	GGCCCUAG GCCGAAAGGCGAGUGAGGUCU CCCGGUAA	30686
265	10765	GGGCUAGG G CCGCGUGG	12312	CCACGCGG GCCGAAAGGCGAGUGAGGUCU CCUAGCCC	30687
268	10762	CUAGGGCC G CGUGGGGC	12313	GCCCCACG GCCGAAAGGCGAGUGAGGUCU GGCCCUAG	30688
270	10760	AGGGCCGC G UGGGGCGU	12314	ACGCCCCA GCCGAAAGGCGAGUGAGGUCU GCGGCCCU	30689
275	10755	.CGCGUGGG G CGUUGGUU	12315		30690
277	10753	cguggggc g uugguuug	12316	CAAACCAA GCCGAAAGGCGAGUGAGGUCU GCCCCACG	30691
281	10749	GGGCGUUG G UUUGCCUU	12317	AAGGCAAA GCCGAAAGGCGAGUGAGGUCU CAACGCCC	30692
285	10745	GUUGGUUU G CCUUUGUU	12318	AACAAAGG GCCGAAAGGCGAGUGAGGUCU AAACCAAC	30693
291	10739	UUGCCUUU G UUAACCCA	12319	UGGGUUAA GCCGAAAGGCGAGUGAGGUCU AAAGGCAA	30694
300	10730	UUAACCCA G UCCUCCUG	12320	CAGGAGGA GCCGAAAGGCGAGUGAGGUCU UGGGUUAA	30695
311	10719	CUCCUGGG G CACUAUCG	12321	CGAUAGUG GCCGAAAGGCGAGUGAGGUCU CCCAGGAG	30696
319	10711	GCACUAUC G CAGACUGC	12322	GCAGUCUG GCCGAAAGGCGAGUGAGGUCU GAUAGUGC	30697
326	10704	CGCAGACU G CACUCUCC	12323	GGAGAGUG GCCGAAAGGCGAGUGAGGUCU AGUCUGCG	30698
335	10695	CACUCUCC G CAGAGUAG	12324	CUACUCUG GCCGAAAGGCGAGUGAGGUCU GGAGAGUG	30699
340	10690	UCCGCAGA G UAGCACGC	12325	GCGUGCUA GCCGAAAGGCGAGUGAGGUCU UCUGCGGA	30700
343	10687	GCAGAGUA G CACGCCGU	12326	ACGGCGUG GCCGAAAGGCGAGUGAGGUCU UACUCUGC	30701
347	10683	AGUAGCAC G CCGUAGCG AGCACGCC G UAGCGUGG	12327	CGCUACGG GCCGAAAGGCGAGUGAGGUCU GUGCUACU	30702
353	10680	ACGCCGUA G CGUGGUCU	12328	CCACGCUA GCCGAAAGGCGAGUGAGGUCU GGCGUGCU	30703
	1 100//	AUGUSTA G COOGGOOD	12329	AGACCACG GCCGAAAGGCGAGUGAGGUCU UACGGCGU	30704

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355	10675	GCCGUAGC G UGGUCUGA	12330	UCAGACCA GCCGAAAGGCGAGUGAGGUCU GCUACGGC	30705
358	10672	GUAGCGUG G UCUGACAU	12331	AUGUCAGA GCCGAAAGGCGAGUGAGGUCU CACGCUAC	30706
370	10660	GACAUUGG G CUUUGAAG	12332	CUUCAAAG GCCGAAAGGCGAGUGAGGUCU CCAAUGUC	30707
378	10652	GCUUUGAA G UUACAACA	12333	UGUUGUAA GCCGAAAGGCGAGUGAGGUCU UUCAAAGC	30708
388	10642	UACAACAU G UGGGGUCC	12334	GGACCCCA GCCGAAAGGCGAGUGAGGUCU AUGUUGUA	30709
393	10637	CAUGUGGG G UCCUCCUU	12335	AAGGAGGA GCCGAAAGGCGAGUGAGGUCU CCCACAUG	30710
410	10620	CCGAGACG G UUCUGAGG	12336	CCUCAGAA GCCGAAAGGCGAGUGAGGUCU CGUCUCGG	30711
419	10611	UUCUGAGG G CUUACAUG	12337	CAUGUAAG GCCGAAAGGCGAGUGAGGUCU CCUCAGAA	30712
		AUCACUUC G CGGCUUUG	12338	CAAAGCCG GCCGAAAGGCGAGUGAGGUCU GAAGUGAU	30713
437	10593	ACUUCGCG G CUUUGUUC	12339	GAACAAAG GCCGAAAGGCGAGUGAGGUCU CGCGAAGU	30714
440	10590				
445	10585	GCGGCUUU G UUCACCCA	12340	UGGGUGAA GCCGAAAGCCGAGUGAGGUCU AAAGCCGC	30715
454	10576	UUCACCCA G UCCUCCUG	12341	CAGGAGGA GCCGAAAGGCGAGUGAGGUCU UGGGUGAA	30716
465	10565	CUCCUGGG G UUGAGUCG	12342	CGACUCAA GCCGAAAGGCGAGUGAGGUCU CCCAGGAG	30717
470	10560	GGGGUUGA G UCGCAGGC	12343	GCCUGCGA GCCGAAAGGCGAGUGAGGUCU UCAACCCC	30718
473	10557	GUUGAGUC G CAGGCAGC	12344	GCUGCCUG GCCGAAAGGCGAGUGAGGUCU GACUCAAC	30719
477	10553	AGUCGCAG G CAGCACCG	12345	CGGUGCUG GCCGAAAGGCGAGUGAGGUCU CUGCGACU	30720
480	10550	CGCAGGCA G CACCGUCU	12346	AGACGGUG GCCGAAAGGCGAGUGAGGUCU UGCCUGCG	30721
485	10545	GCAGCACC G UCUACUCA	12347	UGAGUAGA GCCGAAAGGCGAGUGAGGUCU GGUGCUGC	30722
501	10529	AACUUCCG G UGGCGGGA	12348	UCCCGCCA GCCGAAAGGCGAGUGAGGUCU CGGAAGUU	30723
504	10526	UUCCGGUG G CGGGAACU	12349	AGUUCCCG GCCGAAAGGCGAGUGAGGUCU CACCGGAA	30724
518	10512	ACUUCCCG G CCUGACUU	12350	AAGUCAGG GCCGAAAGGCGAGUGAGGUCU CGGGAAGU	30725
595	10435	ACUUUUAU G CAUACUUA	12351	UAAGUAUG GCCGAAAGGCGAGUGAGGUCU AUAAAAGU	30726
				UAAAUAGA GCCGAAAGGCGAGUGAGGUCU AAUAUAAG	
608	10422	CUUAUAUU G UCUAUUUA	12352		30727
637	10393	UAUCUACA G UACUGUGU	12353	ACACAGUA GCCGAAAGGCGAGUGAGGUCU UGUAGAUA	30728
642	10388	ACAGUACU G UGUCCUCA	12354	UGAGGACA GCCGAAAGGCGAGUGAGGUCU AGUACUGU	30729
644	10386	AGUACUGU G UCCUCAAC	12355	GUUGAGGA GCCGAAAGGCGAGUGAGGUCU ACAGUACU	30730
657	10373	CAACCAAA G UUGUGUCU	12356	AGACACAA GCCGAAAGGCGAGUGAGGUCU UUUGGUUG	30731
660	10370	CCAAAGUU G UGUCUUCA	12357	UGAAGACA GCCGAAAGGCGAGUGAGGUCU AACUUUGG	30732
662	10368	AAAGUUGU G UCUUCAUA	12358	UAUGAAGA GCCGAAAGGCGAGUGAGGUCU ACAACUUU	30733
679	10351	UCUCUUUA G UGAACUCA	12359	UGAGUUCA GCCGAAAGGCGAGUGAGGUCU UAAAGAGA	30734
689	10341	GAACUCAU G UAAUCCAC	12360	GUGGAUUA GCCGAAAGGCGAGUGAGGUCU AUGAGUUC	30735
720	10310	CGAUGAUU G CUCUGACU	12361	AGUCAGAG GCCGAAAGGCGAGUGAGGUCU AAUCAUCG	30736
731	10299	CUGACUUG G UUGAUAGC	12362	GCUAUCAA GCCGAAAGGCGAGUGAGGUCU CAAGUCAG	30737
738	10292	GGUUGAUA G CCACCUGG	12363	CCAGGUGG GCCGAAAGGCGAGUGAGGUCU UAUCAACC	30738
749	10281	ACCUGGAU G UUUUCUGC	12364	GCAGAAAA GCCGAAAGGCGAGUGAGGUCU AUCCAGGU	30739
		UGUUUUCU G CCCACGUG	12365	CACGUGGG GCCGAAAGGCGAGUGAGGUCU AGAAAACA	30740
756	10274				
762	10268	CUGCCCAC G UGGCUCGG	12366	CCGAGCCA GCCGAAAGGCGAGUGAGGUCU GUGGGCAG	30741
765	10265	CCCACGUG G CUCGGGCU	12367	AGCCCGAG GCCGAAAGGCGAGUGAGGUCU CACGUGGG	30742
771	10259	uggeuegg g eueuugug	12368	CACAAGAG GCCGAAAGGCGAGUGAGGUCU CCGAGCCA	30743
777	10253	GGGCUCUU G UGCCAAUC	12369	GAUUGGCA GCCGAAAGGCGAGUGAGGUCU AAGAGCCC	30744
779	10251	GCUCUUGU G CCAAUCAG	12370	CUGAUUGG GCCGAAAGGCGAGUGAGGUCU ACAAGAGC	30745
788	10242	CCAAUCAG G CUGCCACA	12371	UGUGGCAG GCCGAAAGGCGAGUGAGGUCU CUGAUUGG	30746
791	10239	AUCAGGCU G CCACACCA .	12372	UGGUGUGG GCCGAAAGGCGAGUGAGGUCU AGCCUGAU	30747
803	10227	CACCAGAU G UCCUCUCG	12373	CGAGAGGA GCCGAAAGGCGAGUGAGGUCU AUCUGGUG	30748
811	10219	GUCCUCUC G UUUUCCUG	12374	CAGGAAAA GCCGAAAGGCGAGUGAGGUCU GAGAGGAC	30749
830	10200	UAUGGGAC G UCACUCCA	12375	UGGAGUGA GCCGAAAGGCGAGUGAGGUCU GUCCCAUA	30750
852	10178	CCACUGGG G UUUUGUCU	12376	AGACAAAA GCCGAAAGGCGAGUGAGGUCU CCCAGUGG	30751
857	10173	GGGGUUUU G UCUUCCAU	12377	AUGGAAGA GCCGAAAGGCGAGUGAGGUCU AAAACCCC	30752
893	10173	CAAACACG G UUCCAGAC	12378	GUCUGGAA GCCGAAAGGCGAGUGAGGUCU CGUGUUUG	
911					30753
	10119	UCCAACAU G UCCUCUGU	12379	ACAGAGGA GCCGAAAGGCGAGUGAGGUCU AUGUUGGA	30754
918	10112	UGUCCUCU G UUGUCAUC	12380	GAUGACAA GCCGAAAGGCGAGUGAGGUCU AGAGGACA	30755
921	10109	CCUCUGUU G UCAUCCAC	12381	GUGGAUGA GCCGAAAGGCGAGUGAGGUCU AACAGAGG	30756
939	10091	CUCCUCCU G CAUGGAUG	12382	CAUCCAUG GCCGAAAGGCGAGUGAGGUCU AGGAGGAG	30757
954	10076	UGGACCAC G UGGUUCUU	12383	AAGAACCA GCCGAAAGGCGAGUGAGGUCU GUGGUCCA	30758
957	10073	ACCACGUG G UUCUUCCG	12384	CGGAAGAA GCCGAAAGGCGAGUGAGGUCU CACGUGGU	30759
966	10064	UUCUUCCG G UAGGGACC	12385	GGUCCCUA GCCGAAAGGCGAGUGAGGUCU CGGAAGAA	30760
990	10040	CAGGGACA G CGGAGCAA	12386	UUGCUCCG GCCGAAAGGCGAGUGAGGUCU UGUCCCUG	30761
995	10035	ACAGCGGA G CAAAUGGC	12387	GCCAUUUG GCCGAAAGGCGAGUGAGGUCU UCCGCUGU	30762
1002	10028	AGCAAAUG G CGUUGGCC	12388	GGCCAACG GCCGAAAGGCGAGUGAGGUCU CAUUUGCU	30763
1004	10026	CAAAUGGC G UUGGCCAU	12389	AUGGCCAA GCCGAAAGGCGAGUGAGGUCU GCCAUUUG	30764
1008	10022	UGGCGUUG G CCAUGAGC	12390	GCUCAUGG GCCGAAAGGCGAGUGAGGUCU CAACGCCA	30765
1015	10015	GGCCAUGA G CCGCAGGU	12391	ACCUGCGG GCCGAAAGGCGAGUGAGGUCU UCAUGGCC	30766
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1018	10012	CAUGAGCC G CAGGUCUC	12392	GAGACCUG GCCGAAAGGCGAGUGAGGUCU GGCUCAUG	30767
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1037	9993	CUGUGGAA G UACAGAAG	12395	CUUCUGUA GCCGAAAGGCGAGUGAGGUCU UUCCACAG	30770
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1048	9982	CAGAAGCA G CCACAUCU	12397	AGAUGUGG GCCGAAAGGCGAGUGAGGUCU UGCUUCUG	30772
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1083	9947	GACAAGCA G UGUCGCGG	12401	CCGCGACA GCCGAAAGGCGAGUGAGGUCU UGCUUGUC	30776
1085	9945	CAAGCAGU G UCGCGGAC	12402	GUCCGCGA GCCGAAAGGCGAGUGAGGUCU ACUGCUUG	30777
1088	9942	GCAGUGUC G CGGACGUU	12403	AACGUCCG GCCGAAAGGCGAGUGAGGUCU GACACUGC	30778
1094	9936	UCGCGGAC G UUCCAUCC	12404	GGAUGGAA GCCGAAAGGCGAGUGAGGUCU GUCCGCGA	30779
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	9912	GGAGAUAU G CGAGCUCU	12406	AGAGCUCG GCCGAAAGGCGAGUGAGGUCU AUAUCUCC	30781
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	9903	CGAGCUCU G CCUACCAA	12408	UUGGUAGG GCCGAAAGGCGAGUGAGGUCU AGAGCUCG	30783
1127		UUCAUCCU G UCCUCGGC	12409	GCCGAGGA GCCGAAAGGCGAGUGAGGUCU AGGAUGAA	30784
1144	9886	UGUCCUCG G CAUGGAAC	12410	GUUCCAUG GCCGAAAGGCGAGUGAGGUCU CGAGGACA	30785
1151	9879 9865	AACCACCA G UGUUCUUC	12411	GAAGAACA GCCGAAAGGCGAGUGAGGUCU UGGUGGUU	30786
1165		CCACCAGU G UUCUUCCA	12412	UGGAAGAA GCCGAAAGGCGAGUGAGGUCU ACUGGUGG	30787
1167	9863	UCAAUUCA G UGAAAUGG	12413	CCAUUUCA GCCGAAAGGCGAGUGAGGUCU UGAAUUGA	30788
1194	9836			UGCUCAAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAC	30789
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1343	9687	ACCACACA G UCAUCUCC	12430	GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUGUGGU	30805
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1401	9629	ACAGCCAG G UCCUGACU	12436		30811
1414	9616	GACUUUGG G UCCUUUCC	12437		30812
1428	9602	UCCCUUUU G UGAGUUUC	12438		30813
1432	9598	UUUUGUGA G UUUCUCCA	12439		30814
1451	9579	UCAUCUGG G CCAAUCAC	12440	GUGAUUGG GCCGAAAGGCGAGUGAGGUCU CCAGAUGA	30815
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1494	9536	GCUGGACG G CCAGGUUG	12442	CAACCUGG GCCGAAAGGCGAGUGAGGUCU CGUCCAGC	30817
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1503	9527	CCAGGUUG G UGAAAGUG	12444	CACUUUCA GCCGAAAGGCGAGUGAGGUCU CAACCUGG	30819
1509	9521	UGGUGAAA G UGUUUAGG	12445		30820
1511	9519	GUGAAAGU G UUUAGGGC	12446	GCCCUAAA GCCGAAAGGCGAGUGAGGUCU ACUUUCAC	30821
1518	9512	UGUUUAGG G CGUAGGUG	12447		30822
1520	9510	UUUAGGGC G UAGGUGAC	12448	GUCACCUA GCCGAAAGGCGAGUGAGGUCU GCCCUAAA	30823
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1578	9452	CCAUGACG G UUCUUCCA	12451		30826
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1593	9437	CAUCAGCA G CCGGGCGC	12453	GCGCCCGG GCCGAAAGGCGAGUGAGGUCU UGCUGAUG	30828
					

1598	9432	GCAGCCGG G CGCAUCAC	12454	GUGAUGCG GCCGAAAGGCGAGUGAGGUCU CCGGCUGC	30829
1600	9430	AGCCGGGC G CAUCACUU	12455	AAGUGAUG GCCGAAAGGCGAGUGAGGUCU GCCCGGCU	30830
1619	9411	ACAACUUU G UGACGAUA	12456	UAUCGUCA GCCGAAAGGCGAGUGAGGUCU AAAGUUGU	30831
1629	9401	GACGAUAG G UGAGCUCA	12457	UGAGCUCA GCCGAAAGGCGAGUGAGGUCU CUAUCGUC	30832
1633	9397	AUAGGUGA G CUCAAUGA	12458	UCAUUGAG GCCGAAAGGCGAGUGAGGUCU UCACCUAU	30833
1644	9386	CAAUGAUG G CCCUGGCA	12459	UGCCAGGG GCCGAAAGGCGAGUGAGGUCU CAUCAUUG	30834
1650	9380	UGGCCCUG G CAAGACGC	12460	GCGUCUUG GCCGAAAGGCGAGUGAGGUCU CAGGGCCA	30835
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1663	9367	ACGCCGAU G UUCCCCAU	12462	AUGGGGAA GCCGAAAGGCGAGUGAGGUCU AUCGGCGU	30837
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1678	9352	AUCAAGCA G CUCAAGCA	12464	UGCUUGAG GCCGAAAGGCGAGUGAGGUCU UGCUUGAU	30839
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1692	9338	GCACCUUA G CUUCAUUU	12466	AAAUGAAG GCCGAAAGGCGAGUGAGGUCU UAAGGUGC	30841
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1710	9320	CCAAGUCA G CUCUCGUG	12468	CACGAGAG GCCGAAAGGCGAGUGAGGUCU UGACUUGG	30843
1716	9314	CAGCUCUC G UGAUGCGG	12469	CCGCAUCA GCCGAAAGGCGAGUGAGGUCU GAGAGCUG	30844
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1742	9288	CCAGCUGU G UCAUCAGC	12476	GCUGAUGA GCCGAAAGGCGAGUGAGGUCU ACAGCUGG	30851
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1801	9229	GUAACCCA G UUUUUGGA	12484	UCCAAAAA GCCGAAAGGCGAGUGAGGUCU UGGGUUAC	30859
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1817	9213	AGGCCCAA G CCCUCGAC	12486	GUCGAGGG GCCGAAAGGCGAGUGAGGUCU UUGGGCCU	30861
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1859	9171	AGCCAGUG G UCUUCAUU	12490	AAUGAAGA GCCGAAAGGCGAGUGAGGUCU CACUGGCU	30865
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1898	9132	UCCAGAAA G CGAGCUCC	12492	GGAGCUCG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA	30867
1902	9128	GAAAGCGA G CUCCGAGC	12493	GCUCGGAG GCCGAAAGGCGAGUGAGGUCU UCGCUUUC	30868
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1941	9089	nnccenne e cennncee	12497		30872
1960	9070	cucuccee e uuuuuucu	12498	AGAAAAA GCCGAAAGGCGAGUGAGGUCU CCGGAGAG	30873
1985	9045	CCCAUCAU G UUGUAAAU	12499	<u></u>	30874
1988	9042	AUCAUGUU G UAAAUGCA	12500	UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AACAUGAU	30875
1994	9036	UUGUAAAU G CAAGUGUG	12501	CACACUUG GCCGAAAGGCGAGUGAGGUCU AUUUACAA	30876
1998	9032	AAAUGCAA G UGUGACAU	12502	AUGUCACA GCCGAAAGGCGAGUGAGGUCU UUGCAUUU	30877
2000	9030	AUGCAAGU G UGACAUUC	12503		30878
2014	9016	UUCCCCCC G CAGAUGUG	12504		30879
2020	9010	CCGCAGAU G UGCCUCGC	12505		30880
2022	9008	GCAGAUGU G CCUCGCGC	12506		30881
2027	9003	UGUGCCUC G CGCUCCUC	12507	 	30882
2029	9001	UGCCUCGC G CUCCUCAU	12508		30883
2070	8960	CUUCAACU G CUUCUCUG	12509	CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG	30884
2079	8951	cuucucug g cgcuccuc	12510	GAGGAGCG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG	30885
2081	8949	UCUCUGGC G CUCCUCCA	12511	UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA	30886
2098	8932	UUGAUUCU G CUCUUCAA	12512	UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA	30887
2112	8918	CAAACAUG G CACCCAAA	12513	UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG	30888
2121	8909	CACCCAAA G CUGCAUUG	12514	CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG	30889
2124	8906	CCAAAGCU G CAUUGCUG	12515	CAGCAAUG GCCGAAAGGCGAGUGAGGUCU AGCUUUGG	30890

Table X

1998 GAUTIGOU G UUGAGAN C 12917 ANGGUCAN GCGGANAGGCAGAGGUU MCCAANGC 30993 2162 8856 UCUCGAGA G CACAUTCC 12913 GAGANAMA GCGGANAGGCAGGAGGUU MCCACANA 30994 2167 8815 UUCUCGGG G CACANAC 13930 GUUUUUGG GCGAANAGGCAGGAGGUU GUCCACAN 30995 2167 8812 UUCUCGGG G CACANAC 13930 GUUUUUGG GCGAANAGGCAGGAGGUU GUCCACAN 30995 2167 8812 UUCUCGGG G CACANAC 13931 GUUUUUGG GCGAANAGGCAGGAGGAGGUU CHAAGANA 30995 2170 8812 CACAACAC G CCCACAC 13931 GUUUUUGG GCGAANAGGCAGGAGGAGGUU CHAAGANA 30995 2270 8812 CACAACAC G UUGAGGAAN 13931 GUUUUUGG GCCGAANGGCAGGAGGAGGUU GUUUUUGG 30897 2271 8819 ACCAGGG G UUGAGGA 13932 CACAACAC G UUGAGGAG CCCAANGGCAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGA	2129	8901	GCUGCAUU G CUGUUGAC	12516	GUCAACAG GCCGAAAGGCGAGUGAGGUCU AAUGCAGC	30891
116					AAGGUCAA GCCGAAAGGCGAGUGAGGUCU AGCAAUGC	30892
1976 8894 DUCIGIGAR G UJULICUC 12513 GAGAARAA GCCGAARGGCAGUAGGGUU GUCCAGAA 30895	-			12518	AGAAUGUG GCCGAAAGGCGAGUGAGGUCU UCUCGAGA	30893
1916 8943					GAGAAAAA GCCGAAAGGCGAGUGAGGUCU GUCCCAGA	30894
1916					GUUUUUGG GCCGAAAGGCGAGUGAGGUCU CAGAGAAA	30895
1922 1923	\longrightarrow				GUUGUGGG GCCGAAAGGCGAGUGAGGUCU GUUUUUGG	30896
	-					30897
	\longrightarrow					
2224						
						
2225 8785						
2256 87982 UUCUGGCG G UUCAGGAG 12538 CUCCUGAA GCCGAAAGGCAAGUAAGGCAACUAACAC 309912						
2256 8774 GUICAGGA G CUUUCGU 1259 CACCAAAG GCCGAAAGGCCGAUGAGGUC UCCUGAAC 30905 2264 8766 GCUUUCGU G UGCCCCC 12531 CAGGGCGA GCCGAAAGGCGGUGAGGUC ACCAAAGC 30905 2297 8743 GAACACUC G CUGCUGCC 12533 CAGGGAG GCCGAAAGGCGGUGAGGUC ACCAAAGC 30905 2293 8740 CACUCGCU G CUGCCCGA 12533 UCGGGAG GCCGAAAGCCGAUGAGGUC ACCAAAGC 30905 2293 8740 CACUCGCU G CUGCCCGA 12533 UCGGGAG GCCGAAAGCCGAUGAGGUC ACCACAUG 30907 2293 8737 UCGCUGCU G CUCCCCGA 12535 UCGGCGAG GCCGAAAGCCGAUGAGGUC ACCACAUG 30908 2293 8737 UCGCUGCU G CUCCCCGA 12535 UCGGCGAG GCCGAAAGCCGAUGAGGUC ACCACAUG 30908 2304 8726 CCGAAGG						
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2256 9766 9766 97766 96CUUUCGU 12511 AAGURGA GCGGAAAGGCGAGUGAGGUCU ACGAAAGC 30997 2299 8774 CACUGGU CUGCUGCC 12533 UCGGCGAG GCCGAAAGGCGAGUGAGGUCU ACGACGU 30997 30908						
2297 9743 GARCACUC G CUGCUCCC 12532 GGCGAGCAG GCGGAAAGGCGAGUGAGUGU GAGUGUUC 30997 2299 8740 CACUGCU G CUGCCCGA 12534 UCGGGCAG GCCGAAAGGCGAGUGAGUGU GAGUGUC 30998 2304 8726 CGAAGGGA G UAGUGUCA 12535 UCGGGCAG GCCGAAAGGCGAGUGAGUGU UACUCCCU 30910 2307 8723 AGGGAGGA G UUCACUCCU 12535 GACUGAA GCCGAAAGGCGAGUGAGUGU UACUCCCU 30911 2309 8721 GGAGUAGU G UCAGUCCU 12536 GACUGAAA GCCGAAAGGCGAGUGAGUGU UACUCCCU 30911 2313 8717 UAGUUCAG U 12537 AUGACUGA GCCGAAAGGCGAGUGAGUGU UACUCCCU 30912 2313 8717 UAGUUCAG C UCAGUGCG 12539 GACCUGAA GCCGAAAGGCGAGUGAGUGU UACUCCCU 30912 2313 8717 UAGUUCAG G UCAGUGCG 12539 GACCUGAA GCCGAAAGGCGAGUGAGGUCU UACUCCCU 30912 2313 8717 UAGUUCAG G UCAGUGCG 12539 GACCUGAA GCCGAAAGGCGAGUGAGGUCU CAGACUCA 30913 2315 8716 UGGCCAUG G UGGAACAG 12539 CACCAUGA GCCGAAAGGCGAGUGAGGUCU CAGACUCA 30913 2328 8702 CCAUGGUG G UGGAACAC 12540 UGUUCACA GCCGAAAAGGCGAGUGAGGUCU CACCAUGA 30913 2337 8693 UAACAUUC 15404 12541 GAAUGUUA GCCGAAAGGCGAGUGAGGUGU CACCAUCA 30913 2343 8667 UGGUGAUG G UCCCAUGG 12542 CACAUCA GCCGAAAGGCGAGUGAGGUCU CACCAUGA 30913 2345 8667 UGGUGAUG G UCCCAUGG 12544 CCAUGGAG GCCGAAAGGCGAGUGAGGUGU CACCAUCA 30918 2345 8667 UGGUGAGG G UCCCAUGG 12544 CCAUGGGA GCCGAAAGGCGAGUGAGGUGU CACCAUCA 30918 2353 8677 GUCCCAUG G UUCACAUG 12544 UCUCAAAA GCCGAAGGGAGUGAGUGU CAUGGGAC 30920 2365 8665 UGAGAGGA G CCUARCA 12546 UCUCAAAA GCCGAAGGGAGUGAGUGU UACCAUCA 30921 2366 8644 AUUGACCA CCAAACGG G CCCGAAAGGCGAGUGAGGAGUGAGUCU CAUGGGAC 30924 2379 8631 CUGCAUGG G CCUARCA 12546 UCUCAAA GCCGAAGGGAGUGAGGUGU UACCAUCA 30924 2384 8636 GCGAACUG G CCUARCA 12546 UCUCAGA GCCGAAAGGCGAGUGAGGUGU UACCAUCA 30924 2394 8636 GCGAACUG G CCUARCA 12546 UCUCAGA GCCGAAAGGCGAGUGAGGUCU UACCAUCA 30924 2407 8622 GCCGUGAG G CUUCACCA 12546 UCUCAGA GCCGAAAGGCGAGUGAGGUCU UACCAUCA 30924 2407 8623 GCCGUGAGG	\vdash					
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2307 8723 AGGARGUA G UGUCAGUC 12537 AUGACUGA GCCGARAGGCGAGUGAGGUCU UACUCCCU 30912 2319 8717 UAGUUCA G UCAUGCCC 12538 GGCCAUGA GCCGARAGGCGAGUGAGGUCU UACUCCCC 30912 2319 8717 UAGUCAU G UCAUGCCC 12538 GGCCAUGA GCCGARAGGCGAGUGAGGUCU UGACACUA 30913 2319 8711 CAGUCAUG G CCAUGGUG 12539 CACCAUG GCCGARAGGCGAGUGAGGUCU UGACACUA 30914 2325 8705 UGGCCAUG G UGUAACA 12540 UGUUCACA GCCGARAGGCGAGUGAGGUCU CAUGACUC 30914 2328 8702 CCAUGGUG G UAACAUUC 12541 GARUGUUA CCGARAGGCGAGUGAGGUCU CACCAUG 30915 2328 8702 UAACAUUC UAACAUUC 12541 GARUGUUA CCGARAGGCGAGUGAGGUCU CACCAUG 30916 2337 8693 UAACAUUC UAACAUUC 12541 GARUGUUA CCGARAGGCGAGUGAGGUCU CACCAUG 30916 2343 8687 UCGUGAUG UCCCAUG 12543 AUGGGAC GCCGARAGGCGAGUGAGGUCU CAUCACCA 30917 2344 8687 UGUGAGUG UCCCAUG 12544 CCAUGGGA GCCGARAGGCGAGUGAGGUCU CAUCACCA 30918 2345 8685 GUGAUGGU UCCCAUG 12544 CCAUGGGA GCCGARAGGCGAGUGAGGUCU CAUCACCA 30919 2353 8667 GUGACGGA CCUGACCA 12546 UGGUCAGA GCCGARAGGCGAGUGAGGUCU CAUCACCA 30919 2365 8665 UGAGAGGA CCUGACCA 12546 UGGUCAGA GCCGARAGGCGAGUGAGGUCU CAUCACCA 30921 2394 8636 GCGARACUG CGGACCU 12546 UGGUCAGA GCCGARAGGCGAGUGAGGUCU CAUCACCA 30922 2394 8636 GCGARACUG CGGACCU 12546 UGGUCAGA GCCGARAGGCGAGUGAGGUCU CAGUCCA 30922 2394 8636 GCGARACUG CGGACCU 12546 AGGUCCG GCGARAGGCGAGUGAGGUCU CAGUCCA 30922 2407 8623 GCCGUGAG CCUGUGGG 12546 AGGUCCG GCGARAGGCGAGUGAGGUCU CAGUCCA 30924 2402 8527 CCGACCA CCGARAGGCGAGGAGGGAGGGAGGAGGAGGAGGAGGAGGAGGAGG	\vdash					
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2328 8702 CCAUGGUG G UANCAUUC 12541 GANUGUUA GCCGANAGGGAGUGAGGUCU CACCAUGG 30916 2337 8693 UANCAUUC G UGAUGGUG 12542 CACCAUA GCCGANAGGGAGUGAGGUCU CANGGUCA 30917 2343 8687 UCGUGAUG G UGUCCCAU 12543 AUGGGACA GCCGANAGGGAGUGAGGUCU CAUCACCA 30918 2345 8685 GUGAUGGU G UCCCAUGG 12544 CCAUGGGA GCCGANAGGGAGUGAGGUCU CAUCACCA 30918 2353 8677 GUCCCAUG G UUUUGACA 12546 UCGCANAA GCCGANAGGGAGUGAGGUCU CAUGGGAC 30929 2353 8665 UGAGAGGA G CUGACCA 12546 UCGCAUGA G CCGANAGGCGAGUGAGGUCU CAUGGGAC 30921 2366 8664 AUUGACCA G CANACUGG 12547 CCACGUCG G GCCGANAGGCGAGUGAGGUCU UCCUCUCA 30921 2394 8636 GCGACAG G CGGACCCU 12548 AGGCUCCG GCCGANAGGCGAGUGAGGUCU UCCUCUCA 30922 2394 8636 CUGGGGG G CCGGACGCCU 12548 AGGCUCCG GCCGANAGGCGAGUGAGGUCU CAGUUCCC 30922 2407 8627 CCGAGGCG G CCGACAGG GCCGANAGGCGAGUGAGGUCU CAGUUCCC 30924 2407 8627 CCGAGGCG G CUUCACAU 12551 AUGUGAGG GCCGANAGGCGAGUGAGGUCU CAGUUCCC 30924 2423 8607 UCAUNACU G CCGUGAUA 12551 AUGUGAGG GCCGANAGGCGAGUGAGGUCU CACAGCC 30924 2423 8607 UCAUNACU G CCGUGAUA 12552 AUUCACAG GCCGANAGGCGAGUGAGGUCU CACAGCC CACAGC GCCGANAGGCGAGUGAGGUCU AGUUUAGA 30927 2426 8604 UDACUCCC G UGAUGAGU 12553 AUCUGACAG GCCGANAGGCGAGUGAGGUCU AGUUUAGA 30928 2432 8598 CCGUGAUA G UUCCAGUU 12555 AUCUGACA GCCGANAGGCGAGUGAGGUCU GCAUUAUGA 30928 2439 8591 AGUUCCAG G UUCCAGUU 12555 AUCUGACA GCCGANAGGCGAGUGAGGUCU AGUUAUGA 30930 2450 8580 UUCUCAUC G UGCUCCC 12556 GAGACCC GCCGANAGGCGAGUGAGGUCU CAUNAG 30931 2450 8580 CUAUNAGG G UUCCAUCC 12556 AUCUGACC GCCGANAGGCGAGUGAGGUCU CAUNAGA 30931 2451 8577 UNUGGGUG G UUCCAUCC 12556 GAGACCC GCCGANAGGCGAGUGAGGUCU CAUNAGA 30931 2462 8568 UUCUCAUC G UGGUCCC 12556 GAGACCC GCCGANAGGCGAGUGAGGUCU CAUCAGG 30936 2466 8568 UUCUCAUC G UUCCACG 12556 GAGACCG GCCGANAGGCGAGUGAGGUCU CAUCAGA 30936 2467 8553 AUCUGAC G CCCGAAGGCGAGGAGGAGGAGGAGUCAGGUCU CAUCAGG 3						
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2462 8568 UUCUCAUC G UGGUGCCA 12558 UGGCACCA GCCGAAAGGCGAGUGAGGUCU GAUGAGAA 30933 2465 8565 UCAUCGUG Q UGCCACGU 12559 ACGUGGCA GCCGAAAGGCGAGUGAGGUCU CACGAUGA 30934 2467 8563 AUCGUGGU G CCACGUCG 12560 CGACGUGG GCCGAAAGGCGAGUGAGGUCU ACCACGAU 30935 2472 8558 GGUGCACC G UCGAACUG 12561 CAGUUCGA GCCGAAAGGCGAGUGAGGUCU GUGGCACC 30936 2480 8550 GUCGAACU G UACUCACG 12562 CGUGAGUA GCCGAAAGGCGAGUGAGGUCU GUGAGUAC 30937 2488 8542 GUACUCAC G CCUGAGUC 12563 GACUCAGG GCCGAAAGGCGAGUGAGGUCU GUGAGGUAC 30938 2497 8536 ACGCCUGA G UCGUCAA 12564 UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGGOU 30939 2497 8533 CCUGAGUC G UUCAAUCC 12565 GGAUUGAA GCCGAAAGGCGAGUGAGGUCU UCAGGGOU 30940 2507 8523 UCAAUCCU G UUCUUGAU 12566 AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA 30941 2525 8505 UUUUCUGAU 12568 AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA 30942 253						
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2467 8563 AUCGUGGU G CCACGUCG 12560 CGACGUGG GCCGAAAGGCGAGUGAGGUCU ACCACGAU 30935 2472 8558 GGUGCAC G UCGAACUG 12561 CAGUUCGA GCCGAAAGGCGAGUGAGGUCU GUGGCACC 30936 2480 8550 GUCGAACU G UACUCACG 12562 CGUGAGUA GCCGAAAGGCGAGUGAGGUCU AGUUCGAC 30937 2488 8542 GUACUCAC G CCUGAGUC 12563 GACUCAGG GCCGAAAGGCGAGUGAGGUCU GUGAGUAC 30938 2494 8536 ACGCCUGA G UCGUUCAA 12564 UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGCGU 30939 2497 8533 CCUGAGUC G UUCAAUCC 12565 GGAUUGAA GCCGAAAGGCGAGUGAGGUCU GACUCAGG 30940 2507 8523 UCAAUCCU G UUCUGAU 12566 AUCAAGAA GCCGAAAGGCGAGUGAGGUCU CAGUAAAA 30941 2523 8507 UUUUACUG G UGUGAGUU 12568 AACUCAGA GCCGAAAGGCGAGUGAGGUCU CAGUAAAA 30942 2531 8499 GUGUCUGA G UUGAGCAC 12568 AACUCAGA GCCGAAAGGCGAGUGAGGUCU UCAACAC 30944 2536 8494 UGAGUGA G CAGGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUC 30945 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
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2480 8550 GUCGAACU G UACUCACG 12562 CGUGAGUA GCCGAAAGGCGAGUGAGGUCU AGUUCGAC 30937 2488 8542 GUACUCAC G CCUGAGUC 12563 GACUCAGG GCCGAAAGGCGAGUGAGGUCU GUGAGUAC 30938 2494 8536 ACGCCUGA G UCGUUCAA 12564 UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGCGU 30939 2497 8533 CCUGAGUC G UUCAAUCC 12565 GGAUUGAA GCCGAAAGGCGAGUGAGGUCU GACUCAGG 30940 2507 8523 UCAAUCCU G UUCUUGAU 12566 AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA 30941 2523 8507 UUUUACUG G UGUCUGAG 12567 CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAAA 30942 2525 8505 UUACUGGU G UCUGAGUU 12568 AACUCAGA GCCGAAAGGCGAGUGAGGUCU CAGUAAA 30943 2531 8499 GUGUCUGA G UUGAGCAG 12569 CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGCAC 30944 2536 8494 UGAGUGA G CAGGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA 30945 2542 8488 GAGCAGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU UCAGGGCG 30946 <						
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2494 8536 ACGCCUGA G UCGUUCAA 12564 UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGCGU 30939 2497 8533 CCUGAGUC G UUCAAUCC 12565 GGAUUGAA GCCGAAAGGCGAGUGAGGUCU GACUCAGG 30940 2507 8523 UCAAUCCU G UUCUUGAU 12566 AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA 30941 2523 8507 UUUUACUG G UGUCUGAG 12567 CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAAA 30942 2525 8505 UUACUGGU G UCUGAGUU 12568 AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA 30943 2531 8499 GUGUCUGA G UUGAGCAG 12569 CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGCAC 30944 2536 8494 UGAGUUGA G CAGGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA 30945 2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU CCGGGGAAGGCGGGGGGAGGGGGGGGGG						
2497 8533 CCUGAGUC G UUCAAUCC 12565 GGAUUGAA GCCGAAAGGCGAGUGAGGUCU GACUCAGG 30940 2507 8523 UCAAUCCU G UUCUUGAU 12566 AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA 30941 2523 8507 UUUUACUG G UGUCUGAG 12567 CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAAA 30942 2525 8505 UUACUGGU G UCUGAGUU 12568 AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA 30943 2531 8499 GUGUCUGA G UUGAGCAG 12569 CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC 30944 2536 8494 UGAGUUGA G CAGGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA 30945 2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU CAGGGCG 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGAAA GCCGAAAGGCGAGUGAGGUCU CAGGGCG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UGGGAAG 30949						
2507 8523 UCAAUCCU G UUCUJGAU 12566 AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA 30941 2523 8507 UUUUACUG G UGUCUGAG 12567 CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAAA 30942 2525 8505 UUACUGGU G UCUGAGUU 12568 AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA 30943 2531 8499 GUGUCUGA G UUGAGCAG 12569 CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC 30944 2536 8494 UGAGUUGA G CAGGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA 30945 2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGAAA GCCGAAAGGCGAGUGAGGUCU CAGGGCG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30950						
2523 8507 UUUUACUG G UGUCUGAG 12567 CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAAA 30942 2525 8505 UUACUGGU G UCUGAGUU 12568 AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA 30943 2531 8499 GUGUCUGA G UUGAGCAG 12569 CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC 30944 2536 8494 UGAGUUGA G CAGGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA 30945 2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGAAA GCCGAAAGGCGAGUGAGGUCU CAGGGCG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951						
2525 8505 UUACUGGU G UCUGAGUU 12568 AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA 30943 2531 8499 GUGUCUGA G UUGAGCAG 12569 CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC 30944 2536 8494 UGAGUUGA G CAGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA 30945 2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAGAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951					<u> </u>	
2531 8499 GUGUCUGA G UUGAGCAG 12569 CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC 30944 2536 8494 UGAGUUGA G CAGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA 30945 2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951					<u></u>	
2536 8494 UGAGUUGA G CAGGGUU 12570 AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA 30945 2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU CAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951			 			
2542 8488 GAGCAGGG G UUUUCCCA 12571 UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC 30946 2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951						
2553 8477 UUCCCACC G CCCUGGUU 12572 AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA 30947 2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951				+		
2559 8471 CCGCCCUG G UUCCACUU 12573 AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGG 30948 2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951					<u> </u>	
2573 8457 CUUCCCAA G UUUACAUC 12574 GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG 30949 2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951					<u> </u>	
2588 8442 UCUUCCUC G UAUUGGGG 12575 CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA 30950 2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951				+		
2596 8434 GUAUUGGG G UCCCUUCC 12576 GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC 30951						
<u> </u>					<u> </u>	30950
2607 8423 CCUUCCAG G UCCUUUUU 12577 AAAAAGGA GCCGAAAGGCGAGUGAGGUCU CUGGAAGG 30952		8434			GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC	30951
	2607	8423	CCUUCCAG G UCCUUUUU	12577	AAAAAGGA GCCGAAAGGCGAGUGAGGUCU CUGGAAGG	30952

Table X

2632	8398	UCCUAGGA G CACCUGGC	12578	GCCAGGUG GCCGAAAGGCGAGUGAGGUCU UCCUAGGA	30953
2639	8391	AGCACCUG G CUGGUCAU	12579	AUGACCAG GCCGAAAGGCGAGUGAGGUCU CAGGUGCU	30954
2643	8387	CCUGGCUG G UCAUAUUC	12580	GAAUAUGA GCCGAAAGGCGAGUGAGGUCU CAGCCAGG	30955
2659	8371	CACUGAAU G UACCACAU	12581	AUGUGGUA GCCGAAAGGCGAGUGAGGUCU AUUCAGUG	30956
2669	8361	ACCACAUU G CCUGAAGC	12582	GCUUCAGG GCCGAAAGGCGAGUGAGGUCU AAUGUGGU	30957
2676	8354	UGCCUGAA G CUCGACUC	12583	GAGUCGAG GCCGAAAGGCGAGUGAGGUCU UUCAGGCA	30958
2699	8331	UACAUCUC G UGCGUGGA	12584	UCCACGCA GCCGAAAGGCGAGUGAGGUCU GAGAUGUA	30959
2701	8329	CAUCUCGU G CGUGGAAU	12585	AUUCCACG GCCGAAAGGCGAGUGAGGUCU ACGAGAUG	30960
		UCUCGUGC G UGGAAUUC	12586	GAAUUCCA GCCGAAAGGCGAGUGAGGUCU GCACGAGA	30961
2703	8327				
2713	8317	GGAAUUCC G UGAGAGUG	12587	CACUCUCA GCCGAAAGGCGAGUGAGGUCU GGAAUUCC	30962
2719	8311	CCGUGAGA G UGGGUUUC	12588	GAAACCCA GCCGAAAGGCGAGUGAGGUCU UCUCACGG	30963
2723	8307	GAGAGUGG G UUUCUGAC	12589	GUCAGAAA GCCGAAAGGCGAGUGAGGUCU CCACUCUC	30964
2734	8296	UCUGACCA G UCCCCCCC	12590	GGGGGGA GCCGAAAGGCGAGUGAGGUCU UGGUCAGA	30965
2750	8280	CCAUACCG G CGUUGGAG	12591	CUCCAACG GCCGAAAGGCGAGUGAGGUCU CGGUAUGG	30966
2752	8278	AUACCGGC G UUGGAGCA	12592	UGCUCCAA GCCGAAAGGCGAGUGAGGUCU GCCGGUAU	30967
2758	8272	GCGUUGGA G CAGCUCCA	12593	UGGAGCUG GCCGAAAGGCGAGUGAGGUCU UCCAACGC	30968
2761	8269	UUGGAGCA G CUCCAUCU	12594	AGAUGGAG GCCGAAAGGCGAGUGAGGUCU UGCUCCAA	30969
2785	8245	GACUUUCG G CAUGUAGG	12595	CCUACAUG GCCGAAAGGCGAGUGAGGUCU CGAAAGUC	30970
2789	8241	UUCGGCAU G UAGGGGCA	12596	UGCCCCUA GCCGAAAGGCGAGUGAGGUCU AUGCCGAA	30971
2795	8235	AUGUAGGG G CAGAGCAC	12597	GUGCUCUG GCCGAAAGGCGAGUGAGGUCU CCCUACAU	30972
2800	8230	GGGGCAGA G CACCUUCA	12598	UGAAGGUG GCCGAAAGGCGAGUGAGGUCU UCUGCCCC	30973
2810	8220	ACCUUCAC G CAAAAUUC	12599	GAAUUUUG GCCGAAAGGCGAGUGAGGUCU GUGAAGGU	30974
2824	8206	nnccane e carregen	12600	ACCGAGGG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA	30975
2831	8199	GGCCCUCG G UGCAGCCA	12601	UGGCUGCA GCCGAAAGGCGAGUGAGGUCU CGAGGGCC	30976
2833		CCCUCGGU G CAGCCAGU	12602	ACUGGUG GCCGAAAGGCGAGUGAGGUCU ACCGAGGG	30977
	8197				
2836	8194	UCGGUGCA G CCAGUCCU	12603	AGGACUGG GCCGAAAGGCGAGUGAGGUCU UGCACCGA	30978
2840	8190	UGCAGCCA G UCCUCAAC	12604	GUUGAGGA GCCGAAAGGCGAGUGAGGUCU UGGCUGCA	30979
2868	8162	CCCGAAUC G UCCUAUGC	12605	GCAUAGGA GCCGAAAGGCGAGUGAGGUCU GAUUCGGG	30980
2875	8155	CGUCCUAU G CUCUUCAA	12606	UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AUAGGACG	30981
2889	8141	CAACCUCA G CACUUGAC	12607	GUCAAGUG GCCGAAAGGCGAGUGAGGUCU UGAGGUUG	30982
2912	8118	UCUCCGAU G UCACAAAG	12608	CUUUGUGA GCCGAAAGGCGAGUGAGGUCU AUCGGAGA	30983
2925	8105	AAAGGAGG G UGUCACAA	12609	UUGUGACA GCCGAAAGGCGAGUGAGGUCU CCUCCUUU	30984
2927	8103	AGGAGGGU G UCACAACA	12610	UGUUGUGA GCCGAAAGGCGAGUGAGGUCU ACCCUCCU	30985
2944	8086	CUCAGAAG G UCUGUAGA	12611	UCUACAGA GCCGAAAGGCGAGUGAGGUCU CUUCUGAG	309B6
2948	8082	GAAGGUCU G UAGAACAC	12612	GUGUUCUA GCCGAAAGGCGAGUGAGGUCU AGACCUUC	30987
2976	8054	UCUUCAUG G UGACAAUG	12613	CAUUGUCA GCCGAAAGGCGAGUGAGGUCU CAUGAAGA	30988
2984	8046	GUGACAAU G UUCCAUCC	12614	GGAUGGAA GCCGAAAGGCGAGUGAGGUCU AUUGUCAC	30989
3001	8029	AUAACUUU G CACUAGUU	12615	AACUAGUG GCCGAAAGGCGAGUGAGGUCU AAAGUUAU	30990
3007	8023	UUGCACUA G UUGGGGCU	12616	AGCCCCAA GCCGAAAGGCGAGUGAGGUCU UAGUGCAA	30991
3013	8017	UAGUUGGG G CUCUUCAU	12617	AUGAAGAG GCCGAAAGGCGAGUGAGGUCU CCCAACUA	30992
3022	8008	CUCUUCAU G UCCGGGAC	12618	GUCCCGGA GCCGAAAGGCGAGUGAGGUCU AUGAAGAG	30993
3032	7998	CCGGGACC G CCCUUUGU	12619	ACAAAGGG GCCGAAAGGCGAGUGAGGUCU GGUCCCGG	30994
3039	7991	CGCCCUUU G UGUACCCU	12620	AGGGUACA GCCGAAAGGCGAGUGAGGUCU AAAGGGCG	30995
3041	7989	CCCUUGU G UACCCUCU	12621	AGAGGGUA GCCGAAAGGCGAGUGAGGUCU ACAAAGGG	30996
3072	7958	UUUUUUGG G UUGCCAUA	12622	UAUGCAA GCCGAAAGGCGAGUGAGGUCU CCAAAAAA	30996
	7955				
3075		UUUGGGUU G CCAUAUAG	12623		30998
3083	7947	GCCAUAUA G UAACACCA	12624	UGGUGUUA GCCGAAAGGCGAGUGAGGUCU UAUAUGGC	30999
3095	7935	CACCAACC G CCUCUUCC	12625	GGAAGAGG GCCGAAAGGCGAGUGAGGUCU GGUUGGUG	31000
3113	7917	CAUCCAAG G UCAAUCAC	12626	GUGAUUGA GCCGAAAGGCGAGUGAGGUCU CUUGGAUG	31001
3133	7897	UCCGACCG G UUCGAGAA	12627	UUCUCGAA GCCGAAAGGCGAGUGAGGUCU CGGUCGGA	31002
3148	7882	AAACCUCC G UUCGACCA	12628	UGGUCGAA GCCGAAAGGCGAGUGAGGUCU GGAGGUUU	31003
3157	7873	UUCGACCA G CCAUCUCA	12629	UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGGUCGAA	31004
3166	7864	CCAUCUCA G UUUUGCUG	12630	CAGCAAAA GCCGAAAGGCGAGUGAGGUCU UGAGAUGG	31005
3171	7859	UCAGUUUU G CUGUGCCC	12631	GGGCACAG GCCGAAAGGCGAGUGAGGUCU AAAACUGA	31006
3174	7856	GUUUUGCU G UGCCCCUA	12632	UAGGGGCA GCCGAAAGGCGAGUGAGGUCU AGCAAAAC	31007
3176	7854	UUUGCUGU G CCCCUAGA	12633	UCUAGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA	31008
3193	7837	GACUGGAU G CCCUCCAG	12634	CUGGAGGG GCCGAAAGGCGAGUGAGGUCU AUCCAGUC	31009
3201	7829	GCCCUCCA G UGACAUUG	12635	CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGGC	31010
3209	7821	GUGACAUU G CCUUCUUU	12636	AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AAUGUCAC	31011
3222	7808	CUUUCCUG G CGUGUUUU	12637	AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG	31012
3224	7806	UUCCUGGC G UGUUUUGC	12638	GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA	31012
3226	7804	ccnecan a nannecca		CGCAAAA GCCGAAAGGCGAGUGAGGUCU ACGCCAGG	
3220	1004	20000000	12639	COOCAMAN GCCGANAGGCGAGGGGCCU ACGCCAGG	31014

Table X

3231	7799	CGUGUUUU G CCGCUGAG	12640	CUCAGCGG GCCGAAAGGCGAGUGAGGUCU AAAACACG	31015
3234	7796	GUUUUGCC G CUGAGCGA	12641	UCGCUCAG GCCGAAAGGCGAGUGAGGUCU GGCAAAAC	31016
3239	7791	GCCGCUGA G CGAUCGAC	12642	GUCGAUCG GCCGAAAGGCGAGUGAGGUCU UCAGCGGC	31017
3258	7772	CGAUGAUG G CCUCUUUG	12643	CAAAGAGG GCCGAAAGGCGAGUGAGGUCU CAUCAUCG	31013
3266	7764	GCCUCUUU G CGGUACCU	12644	AGGUACCG GCCGAAAGGCGAGUGAGGUCU AAAGAGGC	31019
3269	7761	UCUUUGCG G UACCUAGU	12645	ACUAGGUA GCCGAAAGGCGAGUGAGGUCU CGCAAAGA	31020
3276	7754	GGUACCUA G UGAACUCU	12646	AGAGUUCA GCCGAAAGGCGAGUGAGGUCU UAGGUACC	31021
3291	7739	CUUCUUUU G UCAUCUGG	12647	CCAGAUGA GCCGAAAGGCGAGUGAGGUCU AAAAGAAG	31022
3299	7731	GUCAUCUG G UUGAGUCU	12648	AGACUCAA GCCGAAAGGCGAGUGAGGUCU CAGAUGAC	31023
	7726	CUGGUUGA G UCUUUCUU	12649	AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAACCAG	31023
3304					
3330	7700	CUCCCAAG G UGCGUCCU	12650	AGGACGCA GCCGAAAGGCGAGUGAGGUCU CUUGGGAG	31025
3332	7698	CCCAAGGU G CGUCCUUU	12651	AAAGGACG GCCGAAAGGCGAGUGAGGUCU ACCUUGGG	31026
3334	7696	CAAGGUGC G UCCUUUUG	12652	CAAAAGGA GCCGAAAGGCGAGUGAGGUCU GCACCUUG	31027
3342	7698	GUCCUUUU G CCCCACCU	12653	AGGUGGG GCCGAAAGGCGAGUGAGGUCU AAAAGGAC	31028
3350	7672	UCUUUUUA G UCCUGGUU	12654	AACCAGGA GCCGAAAGGCGAGUGAGGUCU UAAAAAGA	31029
3364	7666	UAGUCCUG G UUUUUCCA	12655	UGGAAAAA GCCGAAAGGCGAGUGAGGUCU CAGGACUA	31030
3374	7656	UUUUCCAU G UUCUUUAU	12656	AUAAAGAA GCCGAAAGGCGAGUGAGGUCU AUGGAAAA	31031
3385	7645	CUUUAUGA G UGUCCAUG	12657	CAUGGACA GCCGAAAGGCGAGUGAGGUCU UCAUAAAG	31032
3387	7643	UUAUGAGU G UCCAUGUU	12658	AACAUGGA GCCGAAAGGCGAGUGAGGUCU ACUCAUAA	31033
3393	7637	GUGUCCAU G UUAUGGAU	12659	AUCCAUAA GCCGAAAGGCGAGUGAGGUCU AUGGACAC	31034
3424	7606	ACCCCCAC G CAUGAUGU	12660	ACAUCAUG GCCGAAAGGCGAGUGAGGUCU GUGGGGGU	31035
3431	7599	CGCAUGAU G UGGCAGAG	12661	CUCUGCCA GCCGAAAGGCGAGUGAGGUCU AUCAUGCG	31036
3434	7596	AUGAUGUG G CAGAGUCC	12662	GGACUCUG GCCGAAAGGCGAGUGAGGUCU CACAUCAU	
3439	7591	GUGGCAGA G UCCGAUGG	12663	CCAUCGGA GCCGAAAGGCGAGUGAGGCCU UCUGCCAC	31037
					31038
3447	7583	GUCCGAUG G CAGUUGUU	12664	AACAACUG GCCGAAAGGCGAGUGAGGUCU CAUCGGAC	31039
3450	7580	CGAUGGCA G UUGUUGCG	12665	CGCAACAA GCCGAAAGGCGAGUGAGGUCU UGCCAUCG	31040
3453	7577	UGGCAGUU G UUGCGUUC	12666	GAACGCAA GCCGAAAGGCGAGUGAGGUCU AACUGCCA	31041
3456	7574	CAGUUGUU G CGUUCCAA	12667	UUGGAACG GCCGAAAGGCGAGUGAGGUCU AACAACUG	31042
3458	7572	GUUGUUGC G UUCCAAAC	12666	GUUUGGAA GCCGAAAGGCGAGUGAGGUCU GCAACAAC	31043
3470	7560	CAAACAGA G CUUGCUCC	12669	GGAGCAAG GCCGAAAGGCGAGUGAGGUCU UCUGUTUG	31044
3474	7556	CAGAGCUU G CUCCAUUC	12670	GAAUGGAG GCCGAAAGGCGAGUGAGGUCU AAGCUCUG	31045
3490	7540	CUCCCAAA G CGUCACCG	12671	CGGUGACG GCCGAAAGGCGAGUGAGGUCU UUUGGGAG	31046
3492	7538	CCCAAAGC G UCACCGCU	12672	AGCGGUGA GCCGAAAGGCGAGUGAGGUCU GCUUUGGG	31047
3498	7532	GCGUCACC G CUGCGGCC	12673	GGCCGCAG GCCGAAAGGCGAGUGAGGUCU GGUGACGC	31048
3501	7529	UCACCGCU G CGGCCGUG	12674	CACGGCCG GCCGAAAGGCGAGUGAGGUCU AGCGGUGA	31049
3504	7526	CCGCUGCG G CCGUGAUC	12675	GAUCACGG GCCGAAAGGCGAGUGAGGUCU CGCAGCGG	31050
3507	7523	CUGCGGCC G UGAUCAAA	12676	UUUGAUCA GCCGAAAGGCGAGUGAGGUCU GGCCGCAG	31051
3522	7508	AAAUUCCG G CUUCUCGU	12677	ACGAGAAG GCCGAAAGGCGAGUGAGGUCU CGGAAUUU	31052
3529	7501	GGCUUCUC G UACUGUCU	12678	AGACAGUA GCCGAAAGGCGAGUGAGGUCU GAGAAGCC	31053
3534	7496	CUCGUACU G UCUUCACA	12679	UGUGAAGA GCCGAAAGGCGAGUGAGGUCU AGUACGAG	31054
3548	7482	ACAGACGG G UUCACUAC	12680	GUAGUGAA GCCGAAAGGCGAGUGAGGUCU CCGUCUGU	31055
3561	7469	CUACUACU G CAGCUAGA	12681	UCUAGCUG GCCGAAAGGCGAGUGAGGUCU AGUAGUAG	31056
3564	7456	CUACUGCA G CUAGAGAC	12682	GUCUCUAG GCCGAAAGGCGAGUGAGGUCU UGCAGUAG	
3583	7447	CAAGAUCA G CAUGAUCU	12683	AGAUCAUG GCCGAAAGGCGAGUGAGGUCU UGAUCUUG	31057
3592	7438	CAUGAUCU G UCCAACUU			31058
			12684	AAGUUGGA GCCGAAAGGCGAGUGAGGUCU AGAUCAUG	31059
3607	7423	UUUCUUCU G CAUGAUGG	12685	CCAUCAUG GCCGAAAGGCGAGUGAGGUCU AGAAGAAA	31060
3616	7414	CAUGAUGG G UGUGGUGC	12686	GCACCACA GCCGAAAGGCGAGUGAGGUCU CCAUCAUG	31061
3618	7412	UGAUGGGU G UGGUGCGC	12687	GCGCACCA GCCGAAAGGCGAGUGAGGUCU ACCCAUCA	31062
3621	7409	ngganana a ngcgcncn	12688	AGAGCGCA GCCGAAAGGCGAGUGAGGUCU CACACCCA	31063
3623	7407	GGUGUGGU G CGCUCUAA	12689	UUAGAGCG GCCGAAAGGCGAGUGAGGUCU ACCACACC	31064
3625	7405	UGUGGUGC G CUCUAAUU	12690	AAUUAGAG GCCGAAAGGCGAGUGAGGUCU GCACCACA	31065
3641	7389	UCUGGGAC G UCCGUGGC	12691	GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCAGA	31066
3645	7385	GGACGUCC G UGGCCACG	12692	CGUGGCCA GCCGAAAGGCGAGUGAGGUCU GGACGUCC	31067
3648	7392	CGUCCGUG G CCACGAUG	12693	CAUCGUGG GCCGAAAGGCGAGUGAGGUCU CACGGACG	31068
3656	7374	GCCACGAU G CCAUCCAC	12694	GUGGAUGG GCCGAAAGGCGAGUGAGGUCU AUCGUGGC	31069
3669	7351	CCACUACA G CGUUCUUC	12695	GAAGAACG GCCGAAAGGCGAGUGAGGUCU UGUAGUGG	31070
3671	7359	ACUACAGC G UUCUUCAU	12696	AUGAAGAA GCCGAAAGGCGAGUGAGGUCU GCUGUAGU	31071
3687	7343	UGAUUCCG G CCGCUGUC	12697	GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA	31072
3690	7340	UUCCGGCC G CUGUCCGC	12698	GCGGACAG GCCGAAAGGCGAGUGAGGUCU GGCCGGAA	
3693	7337	CGGCCGCU G UCCGCCGC	12699	GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGGCCG	31073
3697	7333	CGCUGUCC G CCGCUGGG			31074
3700	7330	Dencede e creenede	12700	CCCAGCGG GCCGAAAGGCGAGUGAGGUCU GGACAGCG	31075
2,00	-,,,,,	03000300	12701	CAGCCCAG GCCGAAAGGCGAGUGAGGUCU GGCGGACA	31076

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			1.0000		
3705	7325	GCCGCUGG G CUGAGCGC	12702	GCGCUCAG GCCGAAAGGCGAGUGAGGUCU CCAGCGGC	31077
3710	7320	UGGGCUGA G CGCAUUGC	12703	GCAAUGOG GCCGAAAGGCGAGUGAGGUCU UCAGCCCA	31078
3712	7318	GGCUGAGC G CAUUGCCU	12704	AGGCAAUG GCCGAAAGGCGAGUGAGGUCU GCUCAGCC	31079
3717	7313	AGCGCAUU G CCUCAGCU	12705	AGCUGAGG GCCGAAAGGCGAGUGAGGUCU AAUGCGCU	31080
3723	7307	UUGCCUCA G CUUGCCAA	12706	UUGGCAAG GCCGAAAGGCGAGUGAGGUCU UGAGGCAA	31081
				CCGGUUGG GCCGAAAGGCGAGUGAGGUCU AAGCUGAG	
3727	7303	CUCAGCUU G CCAACCGG	12707		31082
3743	7287	GGAACCAU G UAGGCAUA	12708	UAUGCCUA GCCGAAAGGCGAGUGAGGUCU AUGGUUCC	31083
3747	7283	CCAUGUAG G CAUAGUGG	12709	CCACUALIG GCCGAAAGGCGAGUGAGGUCU CUACAUGG	31084
3752	7278	UAGGCAUA G UGGCAAAA	12710	UUUUGCCA GCCGAAAGGCGAGUGAGGUCU UAUGCCUA	31085
3755	7275	GCAUAGUG G CAAAAAAG	12711	CUUUUUUG GCCGAAAGGCGAGUGAGGUCU CACUAUGC	31086
3766	7264	AAAAAGGA G UGUUGCCG	12712	CGGCAACA GCCGAAAGGCGAGUGAGGUCU UCCUUUUU	31087
		AAAGGAGU G UUGCCGCU	12713	AGCGGCAA GCCGAAAGGCGAGUGAGGUCU ACUCCUUU	
3768	7262				31088
3771	7259	GGAGUGUU G CCGCUGUU	12714	AACAGCGG GCCGAAAGGCGAGUGAGGUCU AACACUCC	31089
3774	7256	GUGUUGCC G CUGUUACC	12715	GGUAACAG GCCGAAAGGCGAGUGAGGUCU GGCAACAC	31090
3777	7253	UUGCCGCU G UUACCGUA	12716	UACGGUAA GCCGAAAGGCGAGUGAGGUCU AGCGGCAA	31091
3783	7247	CUGUUACC G UAACGGUG	12717	CACCGUUA GCCGAAAGGCGAGUGAGGUCU GGUAACAG	31092
3789	7241	CCGUAACG G UGAGGGUG	12718	CACCCUCA GCCGAAAGGCGAGUGAGGUCU CGUUACGG	31093
3795	7235	CGGUGAGG G UGACUUGU	12719	ACAAGUCA GCCGAAAGGCGAGUGAGGUCU CCUCACCG	31094
3802	7228	GGUGACUU G UCCCCAGC	12720	GCUGGGGA GCCGAAAGGCGAGUGAGGUCU AAGUCACC	31095
3809	7221	UGUCCCCA G CAUCCGGC	12721	GCCGGAUG GCCGAAAGGCGAGUGAGGUCU UGGGGACA	31096
3816	7214	AGCAUCCG G CUGCUAGC	12722	GCUAGCAG GCCGAAAGGCGAGUGAGGUCU CGGAUGCU	31097
3819	7211	AUCCGGCU G CUAGCAGG	12723	CCUGCUAG GCCGAAAGGCGAGUGAGGUCU AGCCGGAU	31098
3823	7207	GGCUGCUA G CAGGAGAG	12724	CUCUCCUG GCCGAAAGGCGAGUGAGGUCU UAGCAGCC	31099
3831	7199	GCAGGAGA G CCGACACU	12725	AGUGUCGG GCCGAAAGGCGAGUGAGGUCU UCUCCUGC	31100
3860	7170	AAGGGGAA G CCUCGCGC	12726	GCGCGAGG GCCGAAAGGCGAGUGAGGUCU UUCCCCUU	31101
3865	7165	GAAGCCUC G CGCGAGUG	12727	CACUCGCG GCCGAAAGGCGAGUGAGGUCU GAGGCUUC	
			+		31102
3867	7163	AGCCUCGC G CGAGUGUG	12728	CACACUCG GCCGAAAGGCGAGUGAGGUCU GCGAGGCU	31103
3871	7159	UCGCGCGA G UGUGAAUA	12729	UAUUCACA GCCGAAAGGCGAGUGAGGUCU UCGCGCGA	31104
3873	7157	GCGCGAGU G UGAAUAGU	12730	ACUAUUCA GCCGAAAGGCGAGUGAGGUCU ACUCGCGC	31105
3880	7150	UGUGAAUA G UGCACUUG	12731	CAAGUGCA GCCGAAAGGCGAGUGAGGUCU UAUUCACA	31106
3882	7148	UGAAUAGU G CACUUGCC	12732	GGCAAGUG GCCGAAAGGCGAGUGAGGUCU ACUAUUCA	31107
3888	7142	GUGCACUU G CCUGAACG	12733	CGUUCAGG GCCGAAAGGCGAGUGAGGUCU AAGUGCAC	31108
3896	7134	GCCUGAAC G UUUAUUGA	12734	UCAAUAAA GCCGAAAGGCGAGUGAGGUCU GUUCAGGC	31109
3906	7124	UUAUUGAG G UCAAUGAG	12735	CUCAUUGA GCCGAAAGGCGAGUGAGGUCU CUCAAUAA	
					31110
3915	7115	UCAAUGAG G UGUUGAUG	12736	CAUCAACA GCCGAAAGGCGAGUGAGGUCU CUCAUUGA	31111
3917	7113	AAUGAGGU G UUGAUGUA	12737	UACAUCAA GCCGAAAGGCGAGUGAGGUCU ACCUCAUU	31112
3923	7107	GUGUUGAU G WAAUCUGA	12738	UCAGAUUA GCCGAAAGGCGAGUGAGGUCU AUCAACAC	31113
3933	7097	AAUCUGAC G UGAUCAAA	12739	UUUGAUCA GCCGAAAGGCGAGUGAGGUCU GUCAGAUU	31114
3943	7087	GAUCAAAU G CUUUAGCA	12740	UGCUAAAG GCCGAAAGGCGAGUGAGGUCU AUUUGAUC	31115
3949	7081	AUGCUUUA G CAGUGGAG	12741	CUCCACUG GCCGAAAGGCGAGUGAGGUCU UAAAGCAU	31116
3952	7078	CUUUAGCA G UGGAGUGA	12742	UCACUCCA GCCGAAAGGCGAGUGAGGUCU UGCUAAAG	31117
3957	7073	GCAGUGGA G UGAGGACC	12743	GGUCCUCA GCCGAAAGGCGAGUGAGGUCU UCCACUGC	
					31118
3966	7064	UGAGGACC G CUGUUGUC	12744	GACAACAG GCCGAAAGGCGAGUGAGGUCU GGUCCUCA	31119
3969	7061	GGACCGCU G UUGUCACA	12745	UGUGACAA GCCGAAAGGCGAGUGAGGUCU AGCGGUCC	31120
3972	7058	CCGCUGUU G UCACAGCG	12746		31121
3978	7052	UUGUCACA G CGUACAGU	12747	ACUGUACG GCCGAAAGGCGAGUGAGGUCU UGUGACAA	31122
3980	7050	GUCACAGC G UACAGUGA	12748	UCACUGUA GCCGAAAGGCGAGUGAGGUCU GCUGUGAC	31123
3985	7045	AGCGUACA G UGACCAGG	12749		31124
3993	7037	GUGACCAG G CUGUUGCC	12750		31125
3996	7034	ACCAGGCU G UUGCCGGC			
			12751		31126
3999	7031	AGGCUGUU G CCGGCCUC	12752	{	31127
4003	7027	UGUUGCCG G CCUCAAGU	12753		31128
4010	7020	GGCCUCAA G UCCAAAAG	12754	CUUUUGGA GCCGAAAGGCGAGUGAGGUCU UUGAGGCC	31129
4031	6999	UCUCCCAU G CUGAAAUU	12755	AAUUUCAG GCCGAAAGGCGAGUGAGGUCU AUGGGAGA	31130
4060	6970	AAUUCUUU G CCCAAACA	12756	UGUUUGGG GCCGAAAGGCGAGUGAGGUCU AAAGAAUU	31131
4073	6957	AACAAACU G CUUAUGUC	12757		31132
4079	6951	CUGCUUAU G UCACUCUU	12758	AAGAGUGA GCCGAAAGGCGAGUGAGGUCU AUAAGCAG	31133
4089	6941	CACUCUUG G UCUUAUCU			
			12759	AGAUAAGA GCCGAAAGGCGAGUGAGGUCU CAAGAGUG	31134
4099	6931	CUUAUCUA G CCAACCCA	12760		31135
4112	6918	CCCAUCUC G UUGGCUGC	12761	GCAGCCAA GCCGAAAGGCGAGUGAGGUCU GAGAUGGG	31136
4116	6914	UCUCGUUG G CUGCCACU	12762	AGUGGCAG GCCGAAAGGCGAGUGAGGUCU CAACGAGA	31137
4119	6911	CGUUGGCU G CCACUGCG	12763	CGCAGUGG GCCGAAAGGCGAGUGAGGUCU AGCCAACG	31138
				·	لــــــــــــــــــــــــــــــــــــــ

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4125	6905	CUGCCACU G CGCUCACA	12764	UGUGAGCG GCCGAAAGGCGAGUGAGGUCU AGUGGCAG	31139
4127	6903	GCCACUGC G CUCACAAG	12765	CUUGUGAG GCCGAAAGGCGAGUGAGGUCU GCAGUGGC	31140
4137	6893	UCACAAGG G UCAUGACA	12766	UGUCAUGA GCCGAAAGGCGAGUGAGGUCU CCUUGUGA	31141
4161	6869	GGAACACG G CUAGCUGG	12767	CCAGCUAG GCCGAAAGGCGAGUGAGGUCU CGUGUUCC	31142
4165	6865	CACGGCUA G CUGGUUGU	12768	ACAACCAG GCCGAAAGGCGAGUGAGGUCU UAGCCGUG	31143
4169	6861	GCUAGCUG G UUGUCUGU	12769	ACAGACAA GCCGAAAGGCGAGUGAGGUCU CAGCUAGC	31144
4172	6858	AGCUGGUU G UCUGUCUG	12770	CAGACAGA GCCGAAAGGCGAGUGAGGUCU AACCAGCU	31145
4176	6854	GGUUGUCU G UCUGCGAA	12771	UUCGCAGA GCCGAAAGGCGAGUGAGGUCU AGACAACC	31146
		GUCUGUCU G CGAACGUU	12772	AACGUUCG GCCGAAAGGCGAGUGAGGUCU AGACAGAC	
4180	6850				31147
4186	6844	CUGCGAAC G UUGCUUCU	12773	AGAAGCAA GCCGAAAGGCGAGUGAGGUCU GUUCGCAG	31148
4189	6841	CGAACGUU G CUUCUCUG	12774	CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AACGUUCG	31149
4198	6832	CUUCUCUG G CUCAGGAA	12775	UUCCUGAG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG	31150
4210	6820	AGGAAUUA G CACAAUCA	12776	UGAUUGUG GCCGAAAGGCGAGUGAGGUCU UAAUUCCU	31151
4234	6796	AAGGGAGA G CAGCAACA	12777	UGUUGCUG GCCGAAAGGCGAGUGAGGUCU UCUCCCUU	31152
4237	6793	GGAGAGCA G CAACAUUC	12778	GAAUGUUG GCCGAAAGGCGAGUGAGGUCU UGCUCUCC	31153
4248	6782	ACAUUCCG G CGAUCUUC	12779	GAAGAUCG GCCGAAAGGCGAGUGAGGUCU CGGAAUGU	31154
4257	6773	CGAUCUUC G UUCCUGGA	12780	UCCAGGAA GCCGAAAGGCGAGUGAGGUCU GAAGAUCG	31155
4272	6758	GAACUUCA G CCAUCCAA	12781	UUGGAUGG GCCGAAAGGCGAGUGAGGUCU UGAAGUUC	31156
4290	6740	AGAAAAG G UCGCGACU	12782	AGUCGCGA GCCGAAAGGCGAGUGAGGUCU CUUUUUCU	31157
4293	6737	AAAAGGUC G CGACUCCC	12783	GGGAGUCG GCCGAAAGGCGAGUGAGGUCU GACCUUUU	31158
4308	6722	CCAAGACA G CGCCUCCC	12784	GGGAGGCG GCCGAAAGGCGAGUGAGGUCU UGUCUUGG	31159
4310	6720	AAGACAGC G CCUCCCAA	12785	UUGGGAGG GCCGAAAGGCGAGUGAGGUCU GCUGUCUU	31159
					
4334	6696	UUUCCAAU G CCCUUCCG	12786	CGGAAGGG GCCGAAAGGCGAGUGAGGUCU AUUGGAAA	31161
4342	6688	GCCCUUCC G CUGCAUGA	12787	UCAUGCAG GCCGAAAGGCGAGUGAGGUCU GGAAGGGC	31162
4345	6685	CUUCCGCU G CAUGAGGA	12788	UCCUCAUG GCCGAAAGGCGAGUGAGGUCU AGCGGAAG	31163
4371	6659	CUCCCAUG G UCAUCACA	12789	UGUGAUGA GCCGAAAGGCGAGUGAGGUCU CAUGGGAG	31164
4389	6641	UCAAUAAG G CAAUCAAG	12790	CUUGAUUG GCCGAAAGGCGAGUGAGGUCU CUUAUUGA	31165
4398	6632	CAAUCAAG G CAAUUGUC	12791	GACAAUUG GCCGAAAGGCGAGUGAGGUCU CUUGAUUG	31166
4404	6626	AGGCAAUU G UCUGAAGA	12792	UCUUCAGA GCCGAAAGGCGAGUGAGGUCU AAUUGCCU	31167
4413	6617	UCUGAAGA G CAUCUGGC	12793	GCCAGAUG GCCGAAAGGCGAGUGAGGUCU UCUUCAGA	31168
4420	6610	AGCAUCUG G CAGUUCCU	12794	AGGAACUG GCCGAAAGGCGAGUGAGGUCU CAGAUGCU	31169
4423	6607	AUCUGGCA G UUCCUCCA	12795	UGGAGGAA GCCGAAAGGCGAGUGAGGUCU UGCCAGAU	31170
4434	6596	CCUCCAGG G CCAUUCUG	12796	CAGAAUGG GCCGAAAGGCGAGUGAGGUCU CCUGGAGG	31171
4442	6588	GCCAUUCU G UGAGCUCU	12797	AGAGCUCA GCCGAAAGGCGAGUGAGGUCU AGAAUGGC	31172
4446	6584	UUCUGUGA G CUCUUCCU	12798	AGGAAGAG GCCGAAAGGCGAGUGAGGUCU UCACAGAA	31173
4464	6566	CUUUCUCU G CAGUGGCC	12799	GGCCACUG GCCGAAAGGCGAGUGAGGUCU AGAGAAAG	31174
4467	6563	UCUCUGCA G UGGCCACA	12800	UGUGGCCA GCCGAAAGGCGAGUGAGGUCU UGCAGAGA	31175
4470	6560	CUGCAGUG G CCACAACG	12801	CGUUGUGG GCCGAAAGGCGAGUGAGGUCU CACUGCAG	31176
4478	6552	GCCACAAC G VACAUGGU	12802	ACCAUGUA GCCGAAAGGCGAGUGAGGUCU GUUGUGGC	
					31177
4485	6545	CGUACAUG G UGUCAAGU	12803	ACUUGACA GCCGAAAGGCGAGUGAGGUCU CAUGUACG	31178
4487	6543	UACAUGGU G UCAAGUGC	12804	GCACUUGA GCCGAAAGGCGAGUGAGGUCU ACCAUGUA	31179
4492	6538	GGUGUCAA G UGCUUCCC	12805	GGGAAGCA GCCGAAAGGCGAGUGAGGUCU UUGACACC	31180
4494	6536	UGUCAAGU G CUUCCCAU	12806	AUGGGAAG GCCGAAAGGCGAGUGAGGUCU ACUUGACA	31181
4503	6527	CUUCCCAU G UCUUCCCC	12807	GGGGAAGA GCCGAAAGGCGAGUGAGGUCU AUGGGAAG	31182
4517	6513	CCCAUGAA G UGCUCAGG	12808	CCUGAGCA GCCGAAAGGCGAGUGAGGUCU UUCAUGGG	31183
4519	6511	CAUGAAGU G CUCAGGCA	12809	UGCCUGAG GCCGAAAGGCGAGUGAGGUCU ACUUCAUG	31184
4525	6505	GUGCUCAG G CAUCUUUC	12810	GAAAGAUG GCCGAAAGGCGAGUGAGGUCU CUGAGCAC	31185
4549	6481	CUCAAUGA G CCCUAUCU	12811	AGAUAGGG GCCGAAAGGCGAGUGAGGUCU UCAUUGAG	31186
4564	6466	CUGAGAAC G UUUUCCCG	12812	CGGGAAAA GCCGAAAGGCGAGUGAGGUCU GUUCUCAG	31187
4575	6455	UUCCCGAG G CGAAGUCC	12813		31188
4580	6450	GAGGCGAA G UCCUUGAA	12814	UUCAAGGA GCCGAAAGGCGAGUGAGGUCU UUCGCCUC	31189
4590	6440	CCUUGAAC G CCUUUAGU	12815		31190
4597	6433	CGCCUUUA G UGCCUGGU	12816	ACCAGGCA GCCGAAAGGCGAGUGAGGUCU UAAAGGCG	31190
4599	6431	CCUUUAGU G CCUGGUGA	12817	UCACCAGG GCCGAAAGGCGAGUGAGGUCU ACUAAAGG	
4604	6426	AGUGCCUG G UGAUCCGA			31192
			12818	UCGGAUCA GCCGAAAGGCGAGUGAGGUCU CAGGCACU	31193
4613	6417	UGAUCCGA G UACACCCU	12819		31194
4623	6407	ACACCCUG G CGUCAAUC	12820	GAUUGACG GCCGAAAGGCGAGUGAGGUCU CAGGGUGU	31195
4625	6405	ACCCUGGC G UCAAUCCA	12821		31196
4634	6396	UCAAUCCA G CGCGGCCU	12822	AGGCCGCG GCCGAAAGGCGAGUGAGGUCU UGGAUUGA	31197
4636	6394	AAUCCAGC G CGGCCUCA	12823	UGAGGCCG GCCGAAAGGCGAGUGAGGUCU GCUGGAUU	31198
4639	6391	CCAGCGCG G CCUCAGAA	12824	UUCUGAGG GCCGAAAGGCGAGUGAGGUCU CGCGCUGG	31199
4663	6367	UUCACCAA G CUUCGUGA	12825	UCACGAAG GCCGAAAGGCGAGUGAGGUCU UUGGUGAA	31200
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Table X

(460)		CAAGCUUC G UGAUGACU	12826	AGUCAUCA GCCGAAAGGCGAGUGAGGUCU GAAGCUUG	31201
4668	6362	UCCACUUC G UUGUUGUC	12827	GACAACAA GCCGAAAGGCGAGUGAGGUCU GAAGUGGA	31202
4685	6345	ACUUCGUU G UUGUCUUC	12828	GAAGACAA GCCGAAAGGCGAGUCAGGUCU AACGAAGU	31203
4688	6342	UCGUUGUU G UCUUCUAA	12829	UUAGAAGA GCCGAAAGGCGAGUGAGGUCU AACAACGA	31204
4691	6339		12830	GACAAACA GCCGAAAGGCGAGUGAGGUCU AAUUUUAG	31205
4704	6326	CUAAAAUU G UGUUUGUC		AGGACAAA GCCGAAAGGCGAGUGAGGUCU ACAAUUUU	31206
4706	6324	AAAAUUGU G UUUGUCCU	12831	UCCUAGGA GCCGAAAGGCGAGUGAGGUCU AAACACAA	31207
4710	6320	UUGUGUUU G UCCUAGGA		AGGUGGUG GCCGAAAGGCGAGUCAGGUCU UUUGAUGG	31208
4727	6303	CCAUCAAA G CACCACCU	12833	UACCACGA GCCGAAAGGCGAGUGAGGUCU CGGAGGUG	31209
4739	6291	CACCUCCG G UCGUGGUA	12834	UCAUACCA GCCGAAAGGCGAGUGAGGUCU GACCGGAG	31210
4742	6288	CUCCGGUC G UGGUAUGA	12835		31211
4745	6285	CGGUCGUG G UAUGACAC	12836	GUGUCAUA GCCGAAAGGCGAGUCAGGUCU CACGACCG UGCAGCGG GCCGAAAGGCGAGUGAGGUCU UGGAGUGU	31211
4758	6272	ACACUCCA G CCGCUGCA	12837	GGUUGCAG GCCGAAAGGCGAGUGAGGUCU GGCUGGAG	31212
4761	6269	CUCCAGCC G CUGCAACC	12838	CAAGGUUG GCCGAAAGGCGAGUGAGGUCU AGCGGCUG	31214
4764	6266	CAGCCGCU G CAACCUUG		CUGGCUUA GCCGAAAGGCGAGUGAGGUCU AAGGUUGC	31215
4772	6258	GCAACCUU G UAAGCCAG	12840	UUGGCUGG GCCGAAAGGCGAGUGAGGUCU UUACAAGG	31216
4776	6254	CCUUGUAA G CCAGCCAA	12841	CAGUUUGG GCCGAAAGGCGAGUGAGGUCU UGGCUUAC	31217
4780	6250	GUAAGCCA G CCAAACUG	12842	CAGAUCUG GCCGAAAGGCGAGUGAGGUCU CAGUUUGG	31218
4789	6241	CCAAACUG G CAGAUCUG	12843	GAGGACUG GCCGAAAGGCGAGUGAGGUCU AGAUCUGC	31218
4797	6233	GCAGAUCU G CAGUCCUC	12844		31219
4800	6230	GAUCUGCA G UCCUCAAC	12845	GUUGAGGA GCCGAAAGGCGAGUGAGGUCU UGCAGAUC	
4810	6220	CCUCAACA G UUCCAGAA	12846	UUCUGGAA GCCGAAAGGCGAGUGAGGUCU UGUUGAGG AGAAAAAA GCCGAAAGGCGAGUGAGGUCU UUUCUGGA	31221
4820	6210	UCCAGAAA G UUUUUUCU	12847		
4843	6187	UCCUCUGA G CCGGUAUU	12848	AAUACCGG GCCGAAAGGCGAGUGAGGUCU UCAGAGGA	31223
4847	6183	CUGAGCCG G VAUUCCCC	12849	GGGGAAUA GCCGAAAGGCGAGUGAGGUCU CGGCUCAG	31224
4863	6167	CAUCCAUG G UAUAUACC	12850	GGUAUAUA GCCGAAAGGCGAGUGAGGUCU CAUGGAUG	31225
4879	6151	CUUCUCAC G CUCUGGUU	12851	AACCAGAG GCCGAAAGGCGAGUGAGGUCU GUGAGAAG	31226
4885	6145	ACGCUCUG G UUGGUAGA	12852	UCUACCAA GCCGAAAGGCGAGUGAGGUCU CAGAGCGU	31227
4889	6141	UCUGGUUG G UAGAAUUG	12853	CAAUUCUA GCCGAAAGGCGAGUGAGGUCU CAACCAGA	31228
4899	6131	AGAAUUGA G CGAUCAGU	12854	ACUGAUCG GCCGAAAGGCGAGUGAGGUCU UCAAUUCU	31229
4906	6124	AGCGAUCA G UCCGUUUG	12855	CAAACGGA GCCGAAAGGCGAGUGAGGUCU UGAUCGCU	31230
4910	6120	AUCAGUCC G UUUGGCAU	12856	AUGCCAAA GCCGAAAGGCGAGUGAGGUCU GGACUGAU	31231
4915	6115	UCCGUUUG G CAUGUUGA	12857	UCAACAUG GCCGAAAGGCGAGUGAGGUCU CAAACGGA	31232
4919	6111	UUUGGCAU G UUGAUGUU	12858	AACAUCAA GCCGAAAGGCGAGUGAGGUCU AUGCCAAA	31233
4925	6105	AUGUUGAU G UUGUCCAG	12859	CUGGACAA GCCGAAAGGCGAGUGAGGUCU AUCAACAU	31234
4928	6102	UUGAUGUU G UCCAGCAU	12860	AUGCUGGA GCCGAAAGGCGAGUGAGGUCU AACAUCAA	31235
4933	6097	GUUGUCCA G CAUGAUUC	12861	GAAUCAUG GCCGAAAGGCGAGUGAGGUCU UGGACAAC	31236
4942	6088	CAUGADUC G UGCCUCAG	12862	CUGAGGCA GCCGAAAGGCGAGUGAGGUCU GAAUCAUG	31237
4944	6086	UGAUUCGU G CCUCAGUC	12863	GACUGAGG GCCGAAAGGCGAGUGAGGUCU ACGAAUCA	31238
4950	6080	GUGCCUCA G UCCAAUGG	12864	CCAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAGGCAC	31239
4959	6071	UCCAAUGG G CGAAGUUC	12865	GAACUUCG GCCGAAAGGCGAGUGAGGUCU CCAUUGGA	31240
4964	6066	UGGGCGAA G UUCGAGUC	12866	GACUCGAA GCCGAAAGGCGAGUGAGGUCU UUCGCCCA	31241
4970	6060	AAGUUCGA G UCGUCUUC	12867	GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGAACUU	31242
4973	6057	UUCGAGUC G UCUUCAUU	12868	AAUGAAGA GCCGAAAGGCGAGUGAGGUCU GACUCGAA	31243
4983	6047	CUUCAUUC G UGUGCCCC	12869	GGGGCACA GCCGAAAGGCGAGUGAGGUCU GAAUGAAG	31244
4985	6045	UCAUUCGU G UGCCCCCC	12870		31245
4987	6043	AUUCGUGU G CCCCCCAU	12871		31246
5000	6030	CCAUAACA G UACUCAUC	12872		31247
5017	6013	ACCAACUU G CGACGGAU	12873	AUCCGUCG GCCGAAAGGCGAGUGAGGUCU AAGUUGGU	31248
5038	5992	ACCGAUAC G UCCACGUC	12874		31249
5044	5986	ACGUCCAC G UCUCUGGG	12875		31250
5052	5978	GUCUCUGG G CGGCACUA	12876	UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCAGAGAC	31251
5055	5975	UCUGGGCG G CACUAGCU	12877		31252
5061	5969	CGGCACUA G CUGCUGUC	12878	GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUGCCG	31253
5064	5966	CACUAGCU G CUGUCACU	12879	AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG	31254
5067	5963	UAGCUGCU G UCACUGCA	12880		31255
5073	5957	CUGUCACU G CAGAUGGU	12881	ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG	31256
5080	5950	UGCAGAUG G UUCUCCCA	12882		31257
5112	5918	CUCCUUCU G UUAUGAUG	12883		31258
5121	5909	UUAUGAUG G UUGGUUUC	12884		31259
5125	5905	GAUGGUUG G UUUCACAC	12885		31260
5141	5889	CUCUUCCG G CUGUCAAU	12886	 	31261
5144	5886	UUCCGGCU G UCAAUCAC	12887	GUGAUUGA GCCGAAAGGCGAGUGAGGUCU AGCCGGAA	31262

Table X

				AAGGCGAG GCCGAAAGGCGAGUGAGUCU AGGGUGAU	31263
5156	5874	AUCACCCU G CUCGCCUU	12888		
5160	5870	CCCUGCUC G CCUUGAAG	12889	CUUCAAGG GCCGAAAGGCGAGUGAGGUCU GAGCAGGG	31264
5168	5862	GCCUUGAA G UUAGCCCC	12890	GGGGCUAA GCCGAAAGGCGAGUGAGGUCU UUCAAGGC	
5172	5858	UGAAGUUA G CCCCCAUU	12891	AAUGGGG GCCGAAAGGCGAGUGAGGUCU UAACUUCA	31266
5189	5841	UCAGAUAU G UCUGUUGU	12892	ACAACAGA GCCGAAAGGCGAGUGAGGUCU AUAUCUGA	31267
5193	5837	AUAUGUCU G UUGUGAUA	12893	UAUCACAA GCCGAAAGGCGAGUGAGGUCU AGACAUAU	31268
5196	5834	UGUCUGUU G UGAUAACA	12894	UGUUAUCA GCCGAAAGGCGAGUGAGGUCU AACAGACA	31269
5207	5823	AUAACAAA G UCCCAAUC	12895	GAUUGGGA GCCGAAAGGCGAGUGAGUCU UUUGUUAU	31270
5219	5811	CAAUCAUC G UUCUUACA	12896	UGUAAGAA GCCGAAAGGCGAGUGAGGUCU GAUGAUUG	31271
5234	5796	CAUUUUGG G UACUCCGU	12897	ACGGAGUA GCCGAAAGGCGAGUGAGGUCU CCAAAAUG	31272
5241	5789	GGUACUCC G UCUCGUAC	12898	GUACGAGA GCCGAAAGGCGAGUGAGGUCU GGAGUACC	31273
5246	5784	UCCGUCUC G UACGACUU	12899	AAGUCGUA GCCGAAAGGCGAGUGAGGUCU GAGACGGA	31274
5258	5772	GACUUUCU G UUCAAUUG	12900	CAAUUGAA GCCGAAAGGCGAGUGAGGUCU AGAAAGUC	31275
5283	5747	UCUUUCCA G CACGUUGU	12901	ACAACGUG GCCGAAAGGCGAGUGAGGUCU UGGAAAGA	31276
5287	5743	UCCAGCAC G UUGUAGGC	12902	GCCUACAA GCCGAAAGGCGAGUGAGGUCU GUGCUGGA	31277
5290	5740	AGCACGUU G UAGGCAAA	12903	UUUGCCUA GCCGAAAGGCGAGUGAGGUCU AACGUGCU	31278
5294	5736	CGUUGUAG G CAAAGGGC	12904	GCCCUUUG GCCGAAAGGCGAGUGAGGUCU CUACAACG	31279
5301	5729	GGCAAAGG G CAAUCUCA	12905	UGAGAUUG GCCGAAAGGCGAGUGAGGUCU CCUUUGCC	31280
5329	5701	GACACUAG G CACAAACC	12906	GGUUUGUG GCCGAAAGGCGAGUGAGGUCU CUAGUGUC	31281
5343	5687	ACCAAACC G UCUUCCCG	12907	CGGGAAGA GCCGAAAGGCGAGUGAGGUCU GGUUUGGU	31282
5352	5678	UCUUCCCG G UGUAUUCU	12908	AGAAUACA GCCGAAAGGCGAGUGAGGUCU CGGGAAGA	31283
5354	5676	UUCCCGGU G UAUUCUGU	12909	ACAGAAUA GCCGAAAGGCGAGUGAGGUCU ACCGGGAA	31284
5361	5669	UGUAUUCU G UGAUCCAU	12910	AUGGAUCA GCCGAAAGGCGAGUGAGGUCU AGAAUACA	31285
5372	5658	AUCCAUUC G UAUCCAGA	12911	UCUGGAUA GCCGAAAGGCGAGUGAGGUCU GAAUGGAU	31286
5381	5649	UAUCCAGA G UUCCAAGC	12912	GCUUGGAA GCCGAAAGGCGAGUGAGGUCU UCUGGAUA	31287
5388	5642	AGUUCCAA G CUCGAUCC	12913	GGAUCGAG GCCGAAAGGCGAGUGAGGUCU UUGGAACU	31288
5406	5624	GGAUCUCA G UCUGUAAG	12914	CUUACAGA GCCGAAAGGCGAGUGAGGUCU UGAGAUCC	31289
5410	5620	CUCAGUCU G UAAGUCGG	12915	CCGACUUA GCCGAAAGGCGAGUGAGGUCU AGACUGAG	31290
5414	5616	GUCUGUAA G UCGGAAAU	12916	AUUUCCGA GCCGAAAGGCGAGUGAGGUCU UUACAGAC	31291
5425	5605	GGAAAUUG G UGAAUUGG	12917	CCAAUUCA GCCGAAAGGCGAGUGAGGUCU CAAUUUCC	31292
5454	5576	GAUCUGAA G UGCCUGGU	12918	ACCAGGCA GCCGAAAGGCGAGUGAGGUCU UUCAGAUC	31293
5456	5574	UCUGAAGU G CCUGGUGG	12919	CCACCAGG GCCGAAAGGCGAGUGAGGUCU ACUUCAGA	31294
5461	5569	AGUGCCUG G UGGGGUGG	12920	CCACCCCA GCCGAAAGGCGAGUGAGGUCU CAGGCACU	31295
5466	5564	CUGGUGGG G UGGCUGUC	12921	GACAGCCA GCCGAAAGGCGAGUGAGGUCU CCCACCAG	31296
5469	5561	GUGGGGUG G CUGUCAUG	12922	CAUGACAG GCCGAAAGGCGAGUGAGGUCU CACCCCAC	31297
5472	5558	GGGUGGCU G UCAUGAAU	12923	AUUCAUGA GCCGAAAGGCGAGUGAGGUCU AGCCACCC	31298
5484	5546	UGAAUAUU G CCGCCGCC	12924	GGCGGCGG GCCGAAAGGCGAGUGAGGUCU AAUAUUCA	31299
5487	5543	AUAUUGCC G CCGCCUCC	12925	GGAGGCGG GCCGAAAGGCGAGUGAGGUCU GGCAAUAU	31300
5490	5540	UUGCCGCC G CCUCCCCU	12926	AGGGGAGG GCCGAAAGGCGAGUGAGGUCU GGCGGCAA	31301
5500	5530	CUCCCCUA G CUCGACCU	12927	AGGUCGAG GCCGAAAGGCGAGUGAGGUCU UAGGGGAG	31302
5511	5519	CGACCUUU G UGGAAAUG	12928	CAUUUCCA GCCGAAAGGCGAGUGAGGUCU AAAGGUCG	31303
5519	5511	GUGGAAAU G UAACCUCU	12929	AGAGGUUA GCCGAAAGGCGAGUGAGGUCU AUUUCCAC	31304
5529	5501	AACCUCUU G CUGCAAUG	12930	CAUUGCAG GCCGAAAGGCGAGUGAGGUCU AAGAGGUU	31305
5532	5498	CUCUUGCU G CAAUGCUA	12931	UAGCAUUG GCCGAAAGGCGAGUGAGGUCU AGCAAGAG	31306
5537	5493	GCUGCAAU G CUAGCUGG	12932	CCAGCUAG GCCGAAAGGCGAGUGAGGUCU AUUGCAGC	31307
5541	5489	CAAUGCUA G CUGGGUCG	12933		31308
5546	5484	CUAGCUGG G UCGGUGAA	12934		31309
5550	5480	CUGGGUCG G UGAAAUGA	12935		31310
		UGAAAUGA G CCUCAUCC	12936		31311
5559	5471				31312
5579	5451	ACGAACAG G UUGUAGUU AACAGGUU G UAGUUCGG	12937		31313
5582	5448	<u> </u>			31314
5585	5445	AGGUUGUA G UUCGGCAC	12939		31314
5590	5440	GUAGUUCG G CACCCUGU	12940	UCUCCUCA GCCGAAAGGCGAGUGAGGUCU AGGGUGCC	31315
5597	5433	GGCACCCU G UGAGGAGA	12941		31317
5611	5419	AGACAUCA G CCUGUGGG	12942		
5615	5415	AUCAGCCU G UGGGUGAG	12943		31318
5619	5411	GCCUGUGG G UGAGGGUA	12944		
5625	5405	GGGUGAGG G UAGCAUGA	12945		31320
5628	5402	UGAGGGUA G CAUGACAC	12946		31321
5665	5365	UCCAUUAU G UUCUCUGG	12947		31322
5674	5356	UUCUCUGG G CACUGCGG	12948		31323
5679	5351	UGGGCACU G CGGAUGUC	12949	GACAUCCG GCCGAAAGGCGAGUGAGGUCU AGUGCCCA	31324

Table X

5685	5345	CUGCGGAU G UCUGGUAC	12950	GUACCAGA GCCGAAAGGCGAGUGAGGUCU AUCCGCAG	31325
5690	5340	GAUGUCUG G UACCGGAU	12951	AUCCGGUA GCCGAAAGGCGAGUGAGGUCU CAGACAUC	31326
5701	5329	CCGGAUGG G CAGUCCUC	12952	GAGGACUG GCCGAAAGGCGAGUGAGGUCU CCAUCCGG	31327
5704	5326	GAUGGGCA G UCCUCUCA	12953	UGAGAGGA GCCGAAAGGCGAGUGAGGUCU UGCCCAUC	31328
5713	5317	UCCUCUCA G UGCUUCAG	12954	CUGAAGCA GCCGAAAGGCGAGUGAGGUCU UGAGAGGA	31329
5715	5315	CUCUCAGU G CUUCAGCC	12955	GGCUGAAG GCCGAAAGGCGAGUGAGGUCU ACUGAGAG	31330
5721	5309	GUGCUUCA G CCAUCUCA	12956	UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGAAGCAC	31331
5730	5300	CCAUCUCA G CAGCCACA	12957	UGUGGCUG GCCGAAAGGCGAGUGAGGUCU UGAGAUGG	31332
5733	5297	UCUCAGCA G CCACAACC	12958	GGUUGUGG GCCGAAAGGCGAGUGAGGUCU UGCUGAGA	31333
5745	5285	CAACCCUG G UUGGUGCU	12959	AGCACCAA GCCGAAAGGCGAGUGAGGUCU CAGGGUUG	31334
5749	5281	CCUGGUUG G UGCUAGCA	12960	UGCUAGCA GCCGAAAGGCGAGUGAGGUCU CAACCAGG	31335
5751	5279	UGGUUGGU G CUAGCACG	12961	CGUGCUAG GCCGAAAGGCGAGUGAGGUCU ACCAACCA	31336
5755	5275	UGGUGCUA G CACGGCUG	12962	CAGCCGUG GCCGAAAGGCGAGUGAGGUCU UAGCACCA	31337
5760	5270	CUAGCACG G CUGUUCUC	12963	GAGAACAG GCCGAAAGGCGAGUGAGGUCU CGUGCUAG	31338
5763	5267	GCACGGCU G UUCUCAGU	12964	ACUGAGAA GCCGAAAGGCGAGUGAGGUCU AGCCGUGC	31339
	5260	UGUUCUCA G UCUUCUGU	12965	ACAGAAGA GCCGAAAGGCGAGUGAGGUCU UGAGAACA	31340
5770	5253	AGUCUUCU G UUUAUGGC	12966	GCCAUAAA GCCGAAAGGCGAGUGAGGUCU AGAAGACU	31341
	5246	UGUUUAUG G CCUCUUUG	12967	CAAAGAGG GCCGAAAGGCGAGUGAGGUCU CAUAAACA	31342
5784		GAUGAUCU G UGGCAGAA	12968	UUCUGCCA GCCGAAAGGCGAGUGAGGUCU AGAUCAUC	31342
5800	5230		12969	GGAUUCUG GCCGAAAGGCGAGUGAGGUCU CACAGAUC	31344
5803	5227	GAUCUGUG G CAGAAUCC		CGGUAAAA GCCGAAAGGCGAGUGAGGUCU AAGGAGGA	31345
5817	5213	UCCUCCUU G UUUUACCG	12970	UCCCGCG GCCGAAAGCCGAGUGAGGUCU CGGUAAAA	
5826	5204	UUUUACCG G CGCCGGGA	12971	<u></u>	31346
5828	5202	UUACCGGC G CCGGGAUG	12972	CAUCCCGG GCCGAAAGGCGAGUGAGGUCU GCCGGUAA	31347
5845	5185	GAGAUCCA G UACAGUGA	12973	UCACUGUA GCCGAAAGGCGAGUGAGGUCU UGGAUCUC	31348
5850	5180	CCAGUACA G UGAUCUGU	12974	ACAGAUCA GCCGAAAGGCGAGUGAGGUCU UGUACUGG	31349
5857	5173	AGUGAUCU G UUUUUUCC	12975	GGAAAAAA GCCGAAAGGCGAGUGAGGUCU AGAUCACU	31350
5869	5161	UUUCCUCA G CAUCUCAG	12976	CUGAGAUG GCCGAAAGGCGAGUGAGGUCU UGAGGAAA	31351
5878	5152	CAUCUCAG G UUCGAAUC	12977	GAUUCGAA GCCGAAAGGCGAGUGAGGUCU CUGAGAUG	31352
5889	5141	CGAAUCCG G CUGGGAUU	12978	AAUCCCAG GCCGAAAGGCGAGUGAGGUCU CGGAUUCG	31353
5899	5131	UGGGAUUG G CUCAUCCA	12979	UGGAUGAG GCCGAAAGGCGAGUGAGGUCU CAAUCCCA	31354
5920	5110	UUCACCCU G CACUAUCG	12980	CGAUAGUG GCCGAAAGGCGAGUGAGGUCU AGGGUGAA	31355
5928	5102	GCACUAUC G CGCUUAUG	12981	CAUAAGCG GCCGAAAGGCGAGUGAGGUCU GAUAGUGC	31356
5930	5100	ACUAUCGC G CUUAUGUA	12982	UACAUAAG GCCGAAAGGCGAGUGAGGUCU GCGAUAGU	31357
5936	5094	GCGCUUAU G UAUGAGCC	12983	GGCUCAUA GCCGAAAGGCGAGUGAGGUCU AUAAGCGC	31358
5942	5088	AUGUAUGA G CCGUUGGG	12984	CCCAACGG GCCGAAAGGCGAGUGAGGUCU UCAUACAU	31359
5945	5085	UAUGAGCC G UUGGGCAU	12985	AUGCCCAA GCCGAAAGGCGAGUGAGGUCU GGCUCAUA	31360
5950	5080	GCCGUUGG G CAUUAUGA	12986	UCAUAAUG GCCGAAAGGCGAGUGAGGUCU CCAACGGC	31361
5966	5064	ACUCCAUU G CCAUAAAG	12987	CUUUAUGG GCCGAAAGGCGAGUGAGGUCU AAUGGAGU	31362
5974	5056	GCCAUAAA G CCCAAUCA	12988	UGAUUGGG GCCGAAAGGCGAGUGAGGUCU UUUAUGGC	31363
5990	5040	ACAUCACC G UUUUUGUC	12989	GACAAAAA GCCGAAAGGCGAGUGAGGUCU GGUGAUGU	31364
5996	5034	CCGUUUUU G UCCACUAU	12990	AUAGUGGA GCCGAAAGGCGAGUGAGGUCU AAAAACGG	31365
6007	5023	CACUAUUG G UGAGCCUG	12991	CAGGCUCA GCCGAAAGGCGAGUGAGGUCU CAAUAGUG	31366
6011	5019	AUUGGUGA G CCUGAUGU	12992	ACAUCAGG GCCGAAAGGCGAGUGAGGUCU UCACCAAU	31367
6018	5012	AGCCUGAU G UUCCAGUG	12993	CACUGGAA GCCGAAAGGCGAGUGAGGUCU AUCAGGCU	31368
6024	5006	AUGUUCCA G UGGGGAAG	12994		31369
6032	4998	GUGGGGAA G UCCAAAGU	12995		31370
6039	4991	AGUCCAAA G UCACGGCC	12996	GGCCGUGA GCCGAAAGGCGAGUGAGGUCU UUUGGACU	31371
6045	4985	AAGUCACG G CCCCGAUU	12997		31372
6064	4966	UCCUUCAG G UGUUUUGA	12998	UCAAAACA GCCGAAAGGCGAGUGAGGUCU CUGAAGGA	31373
6066	4964	CUUCAGGU G UUUUGAAC	12999		31374
6082	4948	CACCCUG G UUUCGUCU	13000	AGACGAAA GCCGAAAGGCGAGUGAGGUCU CAGGGGUG	31375
6087	4943	CUGGUUUC G UCUGGACG	13001	CGUCCAGA GCCGAAAGGCGAGUGAGGUCU GAAACCAG	31376
6095	4935	GUCUGGAC G UUCUUAAC	13002	<u> </u>	31377
6104	4926	UUCUUAAC G UUCUUGCC	13003		31378
6110	4920	ACGUUCUU G CCAGGUUC	13004	<u> </u>	31379
6115	4915	CUUGCCAG G UUCCACCA	13005		31380
6133	4897	AAUCAUCU G CACCUCAU	13006		31381
6145	4885	CUCAUCCU G CCCGUUCC	13007		31382
6149	4881	UCCUGCCC G UUCCACUU	13008	AAGUGGAA GCCGAAAGGCGAGUGAGGUCU GGGCAGGA	31383
6158	4872	UUCCACUU G UGCUGCAA	13009	UUGCAGCA GCCGAAAGGCGAGUGAGGUCU AAGUGGAA	31384
6160	4870	CCACUUGU G CUGCAAUU	13010		31385
6163	4867	CUUGUGCU G CAAUUUCC	13011	GGAAAUUG GCCGAAAGGCGAGUGAGGUCU AGCACAAG	31386

Table X

					21202
6175	4855	UUUCCAGG G UCCUCCGU	13012	ACGGAGGA GCCGAAAGGCGAGUGAGGUCU CCUGGAAA	31387
6182	4848	GGUCCUCC G UAACAAAG	13013	CUUUGUUA GCCGAAAGGCGAGUGAGGUCU GGAGGACC	31388
6190	4840	GUAACAAA G UCGAUCCU	13014	AGGAUCGA GCCGAAAGGCGAGUGAGGUCU UUUGUUAC	31389
6209	4821	UUGACACU G CCCCAGUA	13015	UACUGGGG GCCGAAAGGCGAGUGAGGUCU AGUGUCAA	31390
6215	4815	CUGCCCCA G UAUGGGUC	13016	GACCCAUA GCCGAAAGGCGAGUGAGGUCU UGGGGCAG	31391
6221	4809	CAGUAUGG G UCCAGGCG	13017	CGCCUGGA GCCGAAAGGCGAGUGAGGUCU CCAUACUG	31392
6227	4803	GGGUCCAG G CGGCCCUC	13018	GAGGGCCG GCCGAAAGGCGAGUGAGGUCU CUGGACCC	31393
6230	4800	UCCAGGCG G CCCUCUCC	13019	GGAGAGGG GCCGAAAGGCGAGUGAGGUCU CGCCUGGA	31394
6239	4791	CCCUCUCC G CUCAUCAA	13020	UUGAUGAG GCCGAAAGGCGAGUGAGGUCU GGAGAGGG	31395
6249	4781	UCAUCAAA G CGGCUCCU	13021	AGGAGCCG GCCGAAAGGCGAGUGAGGUCU UUUGAUGA	31396
		UCAAAGCG G CUCCUUUU	13022	AAAAGGAG GCCGAAAGGCGAGUGAGGUCU CGCUUUGA	31397
6252	4778			GCAUACAA GCCGAAAGGCGAGUGAGGUCU AAAAGGAG	31398
6261	4769	CUCCUUUU G UUGUAUGC	13023		31399
6264	4766	CUUUUGUU G UAUGCCAA	13024	UUGGCAUA GCCGAAAGGCGAGUGAGGUCU AACAAAAG	
6268	4762	UGUUGUAU G CCAAAGGG	13025	CCCUUUGG GCCGAAAGGCGAGUGAGGUCU AUACAACA	31400
6276	4754	GCCAAAGG G UGUGGAAA	13026	UUUCCACA GCCGAAAGGCGAGUGAGGUCU CCUUUGGC	31401
6278	4752	CAAAGGGU G UGGAAAAC	13027	GUUUUCCA GCCGAAAGGCGAGUGAGGUCU ACCCUUUG	31402
6302	4728	ACCAUCAC G CCCGCUCC	13028	GGAGCGGG GCCGAAAGGCGAGUGAGGUCU GUGAUGGU	31403
6306	4724	UCACGCCC G CUCCUGCU	13029	AGCAGGAG GCCGAAAGGCGAGUGAGGUCU GGGCGUGA	31404
6312	4718	CCGCUCCU G CUUGAUAA	13030	UUAUCAAG GCCGAAAGGCGAGUGAGGUCU AGGAGCGG	31405
6323	4707	UGAUAACU G CCGAGCAG	13031	CUGCUCGG GCCGAAAGGCGAGUGAGGUCU AGUUAUCA	31406
6328	4702	ACUGCCGA G CAGCCCAC	13032	GUGGGCUG GCCGAAAGGCGAGUGAGGUCU UCGGCAGU	31407
6331	4699	GCCGAGCA G CCCACGAG	13033	CUCGUGGG GCCGAAAGGCGAGUGAGGUCU UGCUCGGC	31408
6339	4691	GCCCACGA G UCAUGAUC	13034	GAUCAUGA GCCGAAAGGCGAGUGAGGUCU UCGUGGGC	31409
6350	4680	AUGAUCCU G UAGACGCC	13035	GGCGUCUA GCCGAAAGGCGAGUGAGGUCU AGGAUCAU	31410
6356	4674	CUGUAGAC G CCGGUGGU	13036	ACCACCGG GCCGAAAGGCGAGUGAGGUCU GUCUACAG	31411
6360	4670	AGACGCCG G UGGUCGUG	13037	CACGACCA GCCGAAAGGCGAGUGAGGUCU CGGCGUCU	31412
				GGACACGA GCCGAAAGGCGAGUGAGGUCU CACCGGCG	31413
6363	4667	CGCCGGUG G UCGUGUCC	13038		
6366	4664	cggugguc g uguccccc	13039	GGGGGACA GCCGAAAGGCGAGUGAGGUCU GACCACCG	31414
6368	4662	gugguegu g ucceecuu	13040	AAGGGGGA GCCGAAAGGCGAGUGAGGUCU ACGACCAC	31415
6380	4650	CCCUUUUU G UACUCCUU	13041	AAGGAGUA GCCGAAAGGCGAGUGAGGUCU AAAAAGGG	31416
6391	4639	CUCCUUUG G UGAGGGAG	13042	CUCCCUCA GCCGAAAGGCGAGUGAGGUCU CAAAGGAG	31417
6399	4631	GUGAGGGA G UGUCCCAC	13043	GUGGGACA GCCGAAAGGCGAGUGAGGUCU UCCCUCAC	31418
6401	4629	GAGGGAGU G UCCCACAA	13044	UUGUGGGA GCCGAAAGGCGAGUGAGGUCU ACUCCCUC	31419
6413	4617	CACAACAC G CCUCCUCU	13045	AGAGGAGG GCCGAAAGGCGAGUGAGGUCU GUGUUGUG	31420
6426	4604	CUCUCUUU G UGUAUUGG	13046	CCAAUACA GCCGAAAGGCGAGUGAGGUCU AAAGAGAG	31421
6428	4602	CUCUUUGU G UAUUGGAG	13047	CUCCAAUA GCCGAAAGGCGAGUGAGGUCU ACAAAGAG	31422
6438	4592	AUUGGAGA G UUAUCCAA	13048	UUGGAUAA GCCGAAAGGCGAGUGAGGUCU UCUCCAAU	31423
6463	4567	UACUGAGG G CAAGAUUG	13049	CAAUCUUG GCCGAAAGGCGAGUGAGGUCU CCUCAGUA	31424
6471	4559	GCAAGAUU G CCCAGGGG	13050	CCCCUGGG GCCGAAAGGCGAGUGAGGUCU AAUCUUGC	31425
6480	4550	CCCAGGGG G UGUACGCA	13051	UGCGUACA GCCGAAAGGCGAGUGAGGUCU CCCCUGGG	31426
6482	4548	CAGGGGGU G UACGCACU	13052	AGUGCGUA GCCGAAAGGCGAGUGAGGUCU ACCCCCUG	31427
6486	4544	GGGUGUAC G CACUAAUC	13053	GAUUAGUG GCCGAAAGGCGAGUGAGGUCU GUACACCC	31428
6495	4535	CACUAAUC G CGAGACAG	13054	CUGUCUCG GCCGAAAGGCGAGUGAGGUCU GAUUAGUG	31429
6514	4516	CAUUCUGA G CAUCCAUA	13055	UAUGGAUG GCCGAAAGGCGAGUGAGGUCU UCAGAAUG	31430
	4498	CUUCCAAG G UGCUCCUG	13056		31431
6532 6534					
6534	4496	UCCAAGGU G CUCCUGGA	13057		31432
6553	4477	AUJCAUGA G CUGGAAGU	13058	ACUUCCAG GCCGAAAGGCGAGUGAGGUCU UCAUGAAU	31433
6560	4470	AGCUGGAA G UUUCCAUC	13059		31434
6577	4453	AUCAUCAA G CCGCACAU	13060		31435
6580	4450	AUCAAGCC G CACAUCAA	13061	UUGAUGUG GCCGAAAGGCGAGUGAGGUCU GGCUUGAU	31436
6596	4434	ACUCUUUC G CUCGAGCC	13062	<u> </u>	31437
6602	4428	UCGCUCGA G CCUGUAAU	13063	AUUACAGG GCCGAAAGGCGAGUGAGGUCU UCGAGCGA	31438
6606	4424	UCGAGCCU G UAAUUUCU	13064	AGAAAUUA GCCGAAAGGCGAGUGAGGUCU AGGCUCGA	31439
6615	4415	UAAUUUCU G CAUCACUU	13065	AAGUGAUG GCCGAAAGGCGAGUGAGGUCU AGAAAUUA	31440
6635	4395	CAGGAAAU G UCCGCCGU	13066	ACGGCGGA GCCGAAAGGCGAGUGAGGUCU AUUUCCUG	31441
6639	4391	AAAUGUCC G CCGUUCUC	13067	GAGAACGG GCCGAAAGGCGAGUGAGGUCU GGACAUUU	31442
6642	4388	UGUCCGCC G UUCUCUCA	13068		31443
6663	4367	ACAUAUCU G UUGAUUUC	13069		31444
6687	4343	UCACGAAA G CAGCAAAC	13070	GUUUGCUG GCCGAAAGGCGAGUGAGGUCU UUUCGUGA	31445
				<u> </u>	
6690	4340	CGAAAGCA G CAAACAUG	13071	CAUGUUUG GCCGAAAGGCGAGUGAGGUCU UGCUUUCG	31446
6700	4330	AAACAUGA G CCCCGCGA	13072	UCGCGGG GCCGAAAGGCGAGUGAGGUCU UCAUGUUU	31447
6705	4325	UGAGCCCC G CGAUAGUC	13073	GACUAUCG GCCGAAAGGCGAGUGAGGUCU GGGGCUCA	31448

Table X

6711	4319	CCGCGAUA G UCAUUGGA	13074	UCCAAUGA GCCGAAAGGCGAGUGAGGUCU UAUCGCGG	31449
6723	4307	UUGGAAUG G CCAUGGAG	13075	CUCCAUGG GCCGAAAGGCGAGUGAGGUCU CAUUCCAA	31450
6731	4299	GCCAUGGA G UCAAUGUC	13076	GACAUUGA GCCGAAAGGCGAGUGAGGUCU UCCAUGGC	31451
6737	4293	GAGUCAAU G UCAAGCUC	13077	GAGCUUGA GCCGAAAGGCGAGUGAGGUCU AUUGACUC	31452
6742	4288	AAUGUCAA G CUCUGCCA	13078	UGGCAGAG GCCGAAAGGCGAGUCAGGUCU UUGACAUU	31453
6747	4283	CAAGCUCU G CCAGCCCU	13079	AGGGCUGG GCCGAAAGGCGAGUGAGGUCU AGAGCUUG	31454
6751	4279	CUCUGCCA G CCCUCCGA	13080	UCGGAGGG GCCGAAAGGCGAGUGAGGUCU UGGCAGAG	31455
6765	4265	CGACGAUG G CAAACAUU	13081	AAUGUUUG GCCGAAAGGCGAGUGAGGUCU CAUCGUCG	31456
			13082	GCUGUCGG GCCGAAAGGCGAGUGAGGUCU CUAAUGUU	31457
6776	4254	AACAUUAG G CCGACAGC			
6783	4247	GGCCGACA G CUGUCAUC	13083	GAUGACAG GCCGAAAGGCGAGUGAGGUCU UGUCGGCC	31458
6786	4244	CGACAGCU G UCAUCACU	13084	AGUGAUGA GCCGAAAGGCGAGUGAGGUCU AGCUGUCG	31459
6798	4232	UCACUUCA G UUGCGGGC	13085	GCCCGCAA GCCGAAAGGCGAGUGAGGUCU UGAAGUGA	31460
6801	4229	CUUCAGUU G CGGGCCAU	13086	AUGGCCCG GCCGAAAGGCGAGUGAGGUCU AACUGAAG	31461
6805	4225	AGUUGCGG G CCAUCCGC	13087	GCGGAUGG GCCGAAAGGCGAGUGAGGUCU CCGCAACU	31462
6812	4218	GGCCAUCC G CGUUUACG	13088	CGUAAACG GCCGAAAGGCGAGUGAGGUCU GGAUGGCC	31463
6814	4216	CCAUCCGC G UUUACGGU	13089	ACCGUAAA GCCGAAAGGCGAGUGAGGUCU GCGGAUGG	31464
6821	4209	CGUUUACG G UUGGGAUC	13090	GAUCCCAA GCCGAAAGGCGAGUGAGGUCU CGUAAACG	31465
6834	4196	GAUCACAU G CAAUCAGU	13091	ACUGAUUG GCCGAAAGGCGAGUGAGGUCU AUGUGAUC	31466
6841	4189	UGCAAUCA G UCCAGCAG	13092	CUGCUGGA GCCGAAAGGCGAGUGAGGUCU UGAUUGCA	31467
6846	4184	UCAGUCCA G CAGCAAGG	13093	CCUUGCUG GCCGAAAGGCGAGUGAGGUCU UGGACUGA	31468
6849	4181	GUCCAGCA G CAAGGAUC	13094	GAUCCUUG GCCGAAAGGCGAGUGAGGUCU UGCUGGAC	31469
6863	4167	AUCAUGGG G UUGAAAAG	13095	CUUUUCAA GCCGAAAGGCGAGUGAGGUCU CCCAUGAU	31470
6871	4159	GUUGAAAA G UCCUGUUG	13096	CAACAGGA GCCGAAAGGCGAGUGAGGUCU UUUUCAAC	31471
6876	4154	AAAGUCCU G UUGAGGCU	13097	AGCCUCAA GCCGAAAGGCGAGUGAGGUCU AGGACUUU	31472
6882	4148	CUGUUGAG G CUAGAGCC	13098	GGCUCUAG GCCGAAAGGCGAGUGAGGUCU CUCAACAG	31473
6888	4142	AGGCUAGA G CCAAGCAU	13099	AUGCUUGG GCCGAAAGGCGAGUGAGGUCU UCUAGCCU	31474
6893	4137	AGAGCCAA G CAUAGCAG	13100	CUGCUAUG GCCGAAAGGCGAGUGAGGUCU UUGGCUCU	31475
6898	4132	CAAGCAUA G CAGACUUG	13101	CAAGUCUG GCCGAAAGGCGAGUGAGGUCU UAUGCUUG	31476
6906	4124	GCAGACUU G CUCCUUUC	13102	GAAAGGAG GCCGAAAGGCGAGUGAGGUCU AAGUCUGC	31477
6921	4109	UCUUUUUU G CAGCUGCA	13103	UGCAGCUG GCCGAAAGGCGAGUGAGGUCU AAAAAAGA	31478
6924	4106	UUUUUGCA G CUGCACUC	13104	GAGUGCAG GCCGAAAGGCGAGUGAGGUCU UGCAAAAA	31479
6927	4103	UUGCAGCU G CACUCCUC	13105	GAGGAGUG GCCGAAAGGCGAGUGAGGUCU AGCUGCAA	31480
6950	4080	CUGAUCAA G CUGCCUAU	13106	AUAGGCAG GCCGAAAGGCGAGUGAGGUCU UUGAUCAG	31481
6953	4077	AUCAAGCU G CCUAUUCC	13107	GGAAUAGG GCCGAAAGGCGAGUGAGGUCU AGCUUGAU	31482
6973	4057	CAUCAACA G CAGUAUCC	13108	GGAUACUG GCCGAAAGGCGAGUGAGGUCU UGUUGAUG	31483
6976	4054	CAACAGCA G UAUCCUGU	13109	ACAGGAUA GCCGAAAGGCGAGUGAGGUCU UGCUGUUG	31484
6983	4047	AGUAUCCU G UACACAUC	13110	GAUGUGUA GCCGAAAGGCGAGUGAGGUCU AGGAUACU	31485
7001	4029	AGAUUCAA G CAUCUCAG	13111		
					31486
7009	4021	GCAUCUCA G CCCGGGUG	13112	CACCCGGG GCCGAAAGGCGAGUGAGGUCU UGAGAUGC	31487
7015	4015	CAGCCCGG G UGUUAGCA	13113	UGCUAACA GCCGAAAGGCGAGUGAGGUCU CCGGGCUG	31488
7017	4013	GCCCGGGU G UUAGCAGG	13114	CCUGCUAA GCCGAAAGGCGAGUGAGGUCU ACCCGGGC	31489
7021	4009	GGGUGUUA G CAGGGCUA	13115	UAGCCCUG GCCGAAAGGCGAGUGAGGUCU UAACACCC	31490
7026	4004	UUAGCAGG G CUAGCAGC	13116	GCUGCUAG GCCGAAAGGCGAGUGAGGUCU CCUGCUAA	31491
7030	4000	CAGGGCUA G CAGCGGAA	13117	UUCCGCUG GCCGAAAGGCGAGUGAGGUCU UAGCCCUG	31492
7033	3997	GGCUAGCA G CGGAACAA	13118	UUGUUCCG GCCGAAAGGCGAGUGAGGUCU UGCUAGCC	31493
7046	3984	ACAACCAC G UUUGAUGU	13119	ACAUCAAA GCCGAAAGGCGAGUGAGGUCU GUGGUUGU	31494
7053	3977	CGUUUGAU G UCGUUGUG	13120	CACAACGA GCCGAAAGGCGAGUGAGGUCU AUCAAACG	31495
7056	3974	UUGAUGUC G UUGUGAAU	13121	AUUCACAA GCCGAAAGGCGAGUGAGGUCU GACAUCAA	31496
7059	3971	AUGUCGUU G UGAAUGUU	13122	AACAUUCA GCCGAAAGGCGAGUGAGGUCU AACGACAU	31497
7065	3965	UUGUGAAU G UUAUGGCU	13123	AGCCAUAA GCCGAAAGGCGAGUGAGGUCU AUUCACAA	31498
7071	3959	AUGUUAUG G CUCUCAGU	13124	ACUGAGAG GCCGAAAGGCGAGUGAGGUCU CAUAACAU	31499
7078	3952	GGCUCUCA G UAUCAUCC	13125	GGAUGAUA GCCGAAAGGCGAGUGAGGUCU UGAGAGCC	31500
7078	3941	UCAUCCAA G CUACCGCC	13125	GGCGGUAG GCCGAAAGGCGAGGGAGGCCU UUGGAUGA	
7095	3935				31501
		AAGCUACC G CCAGUGAA	13127	UUCACUGG GCCGAAAGGCGAGUGAGGUCU GGUAGCUU	31502
7099	3931	UACCGCCA G UGAAUUCA	13128	UGAAUUCA GCCGAAAGGCGAGUGAGGUCU UGGCGGUA	31503
7129	3901	CUCCCAGA G CAGAAUUU	13129	AAAUUCUG GCCGAAAGGCGAGUGAGGUCU UCUGGGAG	31504
7139	3891	AGAAUUUG G CGGGCAUC	13130	GAUGCCCG GCCGAAAGGCGAGUGAGGUCU CAAAUUCU	31505
7143	3887	UUUGGCGG G CAUCGUGA	13131	UCACGAUG GCCGAAAAGGCGAGUGAGGUCU CCGCCAAA	31506
7148	3882	CGGGCAUC G UGAUAAGC	13132	GCUUAUCA GCCGAAAGGCGAGUGAGGUCU GAUGCCCG	31507
7155	3875	CGUGAUAA G CCAUUUGA	13133	UCAAAUGG GCCGAAAGGCGAGUGAGGUCU UUAUCACG	31508
7173	3857	AGAAAACA G CCGCCAAC	13134	GUUGGCGG GCCGAAAGGCGAGUGAGGUCU UGUUUUCU	31509
7176	3854	AAACAGCC G CCAACAUC	13135	GAUGUUGG GCCGAAAGGCGAGUGAGGUCU GGCUGUUU	31510

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7193	3837	AACAAAAU G UUCUCCUG	13136	CAGGAGAA GCCGAAAGGCGAGUGAGGUCU AUUUUGUU	31511
7202	3828	UUCUCCUG G UUGGUCCA	13137	UGGACCAA GCCGAAAGGCGAGUGAGGUCU CAGGAGAA	31512
7206	3824	CCUGGUUG G UCCAUCUC	13138	GAGAUGGA GCCGAAAGGCGAGUGAGGUCU CAACCAGG	31513
7215	3815	UCCAUCUC G CUUUGAGA	13139	UCUCAAAG GCCGAAAGGCGAGUGAGGUCU GAGAUGGA	31514
		GAAACGAU G CCACCAUA	13140	UAUGGUGG GCCGAAAGGCGAGUGAGGUCU AUCGUUUC	31515
7230	3800		13141	AGAUACAA GCCGAAAGGCGAGUGAGGUCU CAGUGUUU	31516
7246	3784	AAACACUG G UUGUAUCU		UCAAGAUA GCCGARAGGCGAGUGAGGUCU AACCAGUG	31517
7249	3781	CACUGGUU G UAUCUUGA	13142		
7260	3770	UCUUGAAG G UCGCCAUG	13143	CAUGGCGA GCCGAAAGGCGAGUGAGGUCU CUUCAAGA	31518
7263	3767	UGAAGGUC G CCAUGAGC	13144	GCUCAUGG GCCGAAAGGCGAGUGAGGUCU GACCUUCA	31519
7270	3760	CGCCAUGA G CGCCAAGU	13145	ACUUGGCG GCCGAAAGGCGAGUGAGGUCU UCAUGGCG	31520
7272	3758	CCAUGAGC G CCAAGUGU	13146	ACACUUGG GCCGAAAGGCGAGUGAGGUCU GCUCAUGG	31521
7277	3753	AGCGCCAA G UGUACCAC	13147	GUGGUACA GCCGAAAGGCGAGUGAGGUCU UUGGCGCU	31522
7279	3751	CGCCAAGU G UACCACGU	13148	ACGUGGUA GCCGAAAGGCGAGUGAGGUCU ACUUGGCG	31523
7286	3744	UGUACCAC G UCUCCUCC	13149	GGAGGAGA GCCGAAAGGCGAGUGAGGUCU GUGGUACA	31524
7308	3722	UAGAUUCU G CGAAAGCU	13150	AGCUUUCG GCCGAAAGGCGAGUGAGGUCU AGAAUCUA	31525
7314	3716	CUGCGAAA G CUGCCCCC	13151	GGGGGCAG GCCGAAAGGCGAGUGAGGUCU UUUCGCAG	31526
7317	3713	CGAAAGCU G CCCCACC	13152	GGUGGGG GCCGAAAGGCGAGUGAGGUCU AGCUUUCG	31527
		AUGACAUA G CGUAACAC	13153	GUGUUACG GCCGAAAGGCGAGUGAGGUCU UAUGUCAU	31528
7337	3693		13154	AUGUGUUA GCCGAAAGGCGAGUGAGGUCU GCUAUGUC	31529
7339	3691	GACAUAGC G UAACACAU		UACUUACA GCCGAAAGGCGAGUGAGGUCU UGAUGUGU	31530
7350	3680	ACACAUCA G UGUAAGUA	13155		31531
7352	3678	ACAUCAGU G UAAGUAAU	13156	AUUACUUA GCCGAAAGGCGAGUGAGGUCU ACUGAUGU	
7356	3674	CAGUGUAA G UAAUGCCC	13157	GGGCAUUA GCCGAAAGGCGAGUGAGGUCU UUACACUG	31532
7361	3669	UAAGUAAU G CCCCCAAA	13158	UUUGGGGG GCCGAAAGGCGAGUGAGGUCU AUUACUUA	31533
7381	3649	CAGGACUA G CAGAGCAA	13159	UUGCUCUG GCCGAAAGGCGAGUGAGGUCU UAGUCCUG	31534
7386	3644	CUAGCAGA G CAAUCAGU	13160	ACUGAUUG GCCGAAAGGCGAGUGAGGUCU UCUGCUAG	31535
7393	3637	AGCAAUCA G UAUAGCUG	13161	CAGCUAUA GCCGAAAGGCGAGUGAGGUCU UGAUUGCU	31536
7398	3632	UCAGUAUA G CUGGCAUG	13162	CAUGCCAG GCCGAAAGGCGAGUGAGGUCU UAUACUGA	31537
7402	3628	UAUAGCUG G CAUGCUGA	13163	UCAGCAUG GCCGAAAGGCGAGUGAGGUCU CAGCUAUA	31538
7406	3624	GCUGGCAU G CUGAUCUU	13164	AAGAUCAG GCCGAAAGGCGAGUGAGGUCU AUGCCAGC	31539
7416	3614	UGAUCUUG G CUGUCCAC	13165	GUGGACAG GCCGAAAGGCGAGUGAGGUCU CAAGAUCA	31540
7419	3611	UCUUGGCU G UCCACCUC	13166	GAGGUGGA GCCGAAAGGCGAGUGAGGUCU AGCCAAGA	31541
		CACCUCUU G CGAAGGAC	13167	GUCCUUCG GCCGAAAGGCGAGUGAGGUCU AAGAGGUG	31542
7430	3600			CUUGGCCA GCCGAAAGGCGAGUGAGGUCU CCAGGAGG	31543
7446	3584	CCUCCUGG G UGGCCAAG	13168	GUUCUUGG GCCGAAAGGCGAGUGAGGUCU CACCCAGG	31544
7449	3581	CCUGGGUG G CCAAGAAC	13169	l	
7469	3561	ACCAGAAG G CCCAACUG	13170	CAGUUGGG GCCGAAAGGCGAGUGAGGUCU CUUCUGGU	31545
7484	3546	UGAAAAGG G UCAAUCAU	13171	AUGAUUGA GCCGAAAGGCGAGUGAGGUCU CCUUUUCA	31546
7497	3533	UCAUAUCA G CAUUAUAA	13172	UUAUAAUG GCCGAAAGGCGAGUGAGGUCU UGAUAUGA	31547
7506	3524	CAUUAUAA G CAUUCACU	13173	AGUGAAUG GCCGAAAGGCGAGUGAGGUCU UUAUAAUG	31548
7516	3514	AUUCACUU G UGACUGCA	13174	UGCAGUCA GCCGAAAGGCGAGUGAGGUCU AAGUGAAU	31549
7522	3508	UUGUGACU G CACGAGGG	13175	CCCUCGUG GCCGAAAGGCGAGUGAGGUCU AGUCACAA	31550
7530	3500	GCACGAGG G UCUUUUCA	13176	UGAAAAGA GCCGAAAGGCGAGUGAGGUCU CCUCGUGC	31551
7543	3487	UUCAUCAU G UCUCUGUG	13177	CACAGAGA GCCGAAAGGCGAGUGAGGUCU AUGAUGAA	31552
7549	3481	AUGUCUCU G UGGUCUGA	13178	UCAGACCA GCCGAAAGGCGAGUGAGGUCU AGAGACAU	31553
7552	3478	UCUCUGUG G UCUGAUCU	13179	AGAUCAGA GCCGAAAGGCGAGUGAGGUCU CACAGAGA	31554
7577	3453	UACCAACA G CCGCUGUC	13180	GACAGCGG GCCGAAAGGCGAGUGAGGUCU UGUUGGUA	31555
7580	3450	CAACAGCC G CUGUCAGU	13181		31556
	+		13182		31557
7583	3447	CAGCCGCU G UCAGUUUG			31558
7587	3443	CGCUGUCA G UUUGGUAG	13183		
7592	3438	UCAGUUUG G UAGCGCAG	13184		31559
7595	3435	GUUUGGUA G CGCAGUGG	13185		31560
7597	3433	UUGGUAGC G CAGUGGUG	13186		31561
7600	3430	GUAGCGCA G UGGUGGUA	13187		31562
7603	3427	GCGCAGUG G UGGUAAGG	13188		31563
7606	3424	CAGUGGUG G UAAGGUGC	13189		31564
7611	3419	GUGGUAAG G UGCAGCUC	13190	GAGCUGCA GCCGAAAGGCGAGUGAGGUCU CUUACCAC	31565
7613	3417	GGUAAGGU G CAGCUCCU	13191		31566
7616	3414	AAGGUGCA G CUCCUGCA	13192		31567
7622	3408	CAGCUCCU G CAGCACCA	13193		31568
7625	3405	CUCCUGCA G CACCAAUC	13194		31569
			13195		31570
7635	3395	ACCAAUCU G UUAUCAAC	+		
7649	3381	AACUUUCC G CUCUCUGU	13196		31571
7656	3374	CGCUCUCU G UGGUGGUG	13197	CACCACCA GCCGAAAGGCGAGUGAGGUCU AGAGAGCG	31572

<u></u>		UCUCUGUG G UGGUGCGA	13198	UCGCACCA GCCGAAAGGCGAGUGAGGUCU CACAGAGA	31573
7659	3371	CUGUGGUG G UGCGAGUG	13199	CACUCGCA GCCGAAAGGCGAGUGAGGUCU CACCACAG	31574
7662	3368	GUGGUGGU G CGAGUGGC	13200	GCCACUCG GCCGAAAGGCGAGUGAGGUCU ACCACCAC	31575
7664	3366	UGGUGCGA G UGGCAGGU	13201	ACCUGCCA GCCGAAAGGCGAGUGAGGUCU UCGCACCA	31576
7668	3362	UGCGAGUG G CAGGUCCA	13202	UGGACCUG GCCGAAAGGCGAGUGAGGUCU CACUCGCA	31577
7671	3359	AGUGGCAG G UCCACGGU	13202	ACCGUGGA GCCGAAAGGCGAGUGAGGUCU CUGCCACU	31578
7675	3355		13204	UGCGGACA GCCGAAAGGCGAGUGAGGUCU CGUGGACC	31579
7682	3348	GGUCCACG G UGUCCGCA		GCUGCGGA GCCGAAAGGCGAGUGAGGUCU ACCGUGGA	31580
7684	3346	UCCACGGU G UCCGCAGC	13205	GAGAGCUG GCCGAAAGGCGAGUGAGGUCU GGACACCG	31581
7688	3342	CGGUGUCC G CAGCUCUC	13206	AGUGAGAG GCCGAAAGGCGAGUGAGGUCU UGCGGACA	31582
7691	3339	UGUCCGCA G CUCUCACU	13207	UACGGUCA GCCGAAAGGCGAGUGAGGUCU CCUGAGUG	31583
7704	3326	CACUCAGG G UGACCGUA	13208	AGGAACUA GCCGAAAGGCGAGUGAGGUCU GGUCACCC	31584
7710	3320	GGGUGACC G UAGUUCCU	13209	CCCAGGAA GCCGAAAGGCGAGUGAGGUCU UACGGUCA	31585
7713	3317	UGACCGUA G UUCCUGGG	13210	GAUUACUG GCCGAAAGGCGAGUGAGGUCU CCAGGAAC	31586
7721	3309	GUUCCUGG G CAGUAAUC	13211	UUCGAUUA GCCGAAAGGCGAGUGAGGUCU UGCCCAGG	31587
7724	3306	CCUGGGCA G UAAUCGAA	13212	GAGAUUGA GCCGAAAGGCGAGUGAGGUCU UUCGAUUA	31588
7733	3297	UAAUCGAA G UCAAUCUC	13213	GACGAAGG GCCGAAAGGCGAGUGAGUCU CGGGUAGA	31589
7748	3282	UCUACCCG G CCUUCGUC	13214	CCAUGGGA GCCGAAAGGCGAGUGAGGUCU GAAGGCCG	31590
7754	3276	CGGCCUUC G UCCCAUGG	13215	AACCAGGG GCCGAAAGGCGAGUGAGGUCU CCAUGGGA	31591
7763	3267	UCCCAUGG G CCCUGGUU	13216	ACCAGGG GCCGAAAGGCGAGUGAGGUCU CAGGGCCC	31592
7769	3261	GGGCCCUG G UUUUGUGU	13217	ACACAAAA GCCGAAAGGCGAGUGAGGUCU AAAACCAG	31593
7774	3256	CUGGUUUU G UGUCUUGU	13218		31594
7776	3254	GGUUUUGU G UCUUGUAC	13219	GUACAAGA GCCGAAAGGCGAGUGAGGUCU ACAAAACC	31595
7781	3249	UGUGUCUU G UACCCAGG	13220	CCUGGGUA GCCGAAAGGCGAGUGAGGUCU AAGACACA	31596
7789	3241	GUACCCAG G UCUCCGAU	13221	AUCGGAGA GCCGAAAGGCGAGUGAGGUCU CUGGGUAC	31597
7799	3231	CUCCGAUU G UGAUUGCU	13222	AGCAAUCA GCCGAAAGGCGAGUGAGGUCU AAUCGGAG	31598
7805	3225	UUGUGAUU G CUUCGUGG	13223	CCACGAAG GCCGAAAGGCGAGUGAGGUCU AAUCACAA	31599
7810	3220	AUUGCUUC G UGGUCCCG	13224	CGGGACCA GCCGAAAGGCGAGUGAGGUCU GAAGCAAU	31600
7813	3217	GCUUCGUG G UCCCGCCA	13225	UGGCGGGA GCCGAAAGGCGAGUGAGGUCU CACGAAGC	
7818	3212	GUGGUCCC G CCAGUGUG	13226	CACACUGG GCCGAAAGGCGAGUGAGGUCU GGGACCAC	31601
7822	3208	UCCCGCCA G UGUGACUG	13227	CAGUCACA GCCGAAAGGCGAGUGAGGUCU UGGCGGGA	31602
7824	3206	CCGCCAGU G UGACUGGU	13228	ACCAGUCA GCCGAAAGGCGAGUGAGGUCU ACUGGCGG	31603
7831	3199	UGUGACUG G UAUUAUCA	13229	UGAUAAUA GCCGAAAGGCGAGUGAGGUCU CAGUCACA	31604
7841	3189	AUUAUCAA G UCACUCUC	13230	GAGAGUGA GCCGAAAGGCGAGUGAGGUCU UUGAUAAU	31605
7862	3168	AUUCCAUC G CCCCACAA	13231	UUGUGGG GCCGAAAGGCGAGUGAGGUCU GAUGGAAU	31606
7872	3158	CCCACAAG G UAUGCGUC	13232	GACGCAUA GCCGAAAGGCGAGUGAGGUCU CUUGUGGG	31607
7876	3154	CAAGGUAU G CGUCUCAG	13233	CUGAGACG GCCGAAAGGCGAGUGAGGUCU AUACCUUG	31608
7878	3152	AGGUAUGC G UCUCAGGC	13234	GCCUGAGA GCCGAAAGGCGAGUGAGGUCU GCAUACCU	31609
7885	3145	CGUCUCAG G CCACGUAC	13235	GUACGUGG GCCGAAAGGCGAGUGAGGUCU CUGAGACG	31610
7890	3140	CAGGCCAC G UACAUGAU	13236	AUCAUGUA GCCGAAAGGCGAGUGAGGUCU GUGGCCUG	31611
7917	3113	CCAGAACU G CCCUUUCA	13237	UGAAAGGG GCCGAAAGGCGAGUGAGGUCU AGUUCUGG	31612
7927	3103	CCUUUCAA G CUUCCACG	13238	CGUGGAAG GCCGAAAGGCGAGUGAGGUCU UUGAAAGG	31613
7935	3095	GCUUCCAC G UAUCAUUG	13239	CAAUGAUA GCCGAAAGGCGAGUGAGGUCU GUGGAAGC	31614
7945	3085	AUCAUUGA G CCUGCUUU	13240	AAAGCAGG GCCGAAAGGCGAGUGAGGUCU UCAAUGAU	31615
7949	3081	UUGAGCCU G CUUUCAAU	13241	AUUGAAAG GCCGAAAGGCGAGUGAGGUCU AGGCUCAA	31616
7970	3060	UAGGACAG G UCACUGUG	13242	CACAGUGA GCCGAAAGGCGAGUGAGGUCU CUGUCCUA	31617
7976	3054	AGGUCACU G UGGAUCGC	13243	GCGAUCCA GCCGAAAGGCGAGUGAGGUCU AGUGACCU	31618
7983	3047	UGUGGAUC G CCAAGUUG	13244	CAACUUGG GCCGAAAGGCGAGUGAGGUCU GAUCCACA	31619
7988	3042	AUCGCCAA G UUGUUCUU	13245	AAGAACAA GCCGAAAGGCGAGUGAGGUCU UUGGCGAU	31620
7991	3039	GCCAAGUU G UUCUUGAC	13246	GUCAAGAA GCCGAAAGGCGAGUGAGGUCU AACUUGGC	31621
8001	3029	UCUUGACA G CCGUUCCA	13247	UGGAACGG GCCGAAAGGCGAGUGAGGUCU UGUCAAGA	31622
8004	3026	UGACAGCC G UUCCAAUG	13248	CAUUGGAA GCCGAAAGGCGAGUGAGGUCU GGCUGUCA	31623
8021	3009	AUCUUCGA G UCACAUUC	13249	GAAUGUGA GCCGAAAGGCGAGUGAGGUCU UCGAAGAU	31624
8031	2999	CACAUUCA G UUGUGUUG	13250	CAACACAA GCCGAAAGGCGAGUGAGGUCU UGAAUGUG	31625
8034	2996	AUUCAGUU G UGUUGCUC	13251	GAGCAACA GCCGAAAGGCGAGUGAGGUCU AACUGAAU	31626
8036	2994	UCAGUUGU G UUGCUCUC	13252	GAGAGCAA GCCGAAAGGCGAGUGAGGUCU ACAACUGA	31627
8039	2991	GUUGUGUU G CUCUCUCU	13253		31628
8067	2963	ACAUCCGA G UGCUGGUG	13254	CACCAGCA GCCGAAAGGCGAGUGAGGUCU UCGGAUGU	31629
8069	2961	AUCCGAGU G CUGGUGAG	13255		31630
8073	2957	GAGUGCUG G UGAGACCA	13256	UGGUCUCA GCCGAAAGGCGAGUGAGGUCU CAGCACUC	31631
8105		ACUUCUAA G CUAUUCCA	13257		31632
8115	2915	UAUUCCAA G CGCGAUUC	13258		31633
8117	2913	UUCCAAGC G CGAUUCUG	13259	CAGAAUCG GCCGAAAGGCGAGUGAGGUCU GCUUGGAA	31634

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8127	2903	GAUUCUGA G UCGGACAU	13260	AUGUCCGA GCCGAAAGGCGAGUGAGGUCU UCAGAAUC	31635
8142	2888	AUUCCUUG G UCUCCGGA	13261	UCCGGAGA GCCGAAAGGCGAGUGAGGUCU CAAGGAAU	31636
8166	2864	CCACAAAG G UGUUGUUG	13262	CAACAACA GCCGAAAGGCGAGUGAGGUCU CUUUGUGG	31637
8168	2862	ACAAAGGU G UUGUUGGC	13263	GCCAACAA GCCGAAAGGCGAGUGAGGUCU ACCUUUGU	31638
8171	2859	AAGGUGUU G UUGGCGAG	13264	CUCGCCAA GCCGAAAGGCGAGUGAGGUCU AACACCUU	31639
8175	2855	UGUUGUUG G CGAGUUCU	13265	AGAACUCG GCCGAAAGGCGAGUGAGGUCU CAACAACA	31640
8179	2851	GUUGGCGA G UUCUGGUG	13266	CACCAGAA GCCGAAAGGCGAGUGAGGUCU UCGCCAAC	31641
				<u> </u>	
8185	2845	GAGUUCUG G UGCAAAUA	13267	UAUUUGCA GCCGAAAGGCGAGUGAGGUCU CAGAACUC	31642
8187	2843	GUUCUGGU G CAAAUAAA	13268	UUUAUUUG GCCGAAAGGCGAGUGAGGUCU ACCAGAAC	31643
8211	2819	UUCCCCAG G CCUUCCAG	13269	CUGGAAGG GCCGAAAGGCGAGUGAGGUCU CUGGGGAA	31644
8219	2811	GCCUUCCA G CCAAUUUC	13270	GAAAUUGG GCCGAAAGGCGAGUGAGGUCU UGGAAGGC	31645
8238	2792	AUUUUUCC G UGGUGGCG	13271	CGCCACCA GCCGAAAGGCGAGUGAGGUCU GGAAAAAU	31646
8241	2789	UUUCCGUG G UGGCGGUG	13272	CACCGCCA GCCGAAAGGCGAGUGAGGUCU CACGGAAA	31647
8244	2786	CCGUGGUG G CGGUGAGG	13273	CCUCACCG GCCGAAAGGCGAGUGAGGUCU CACCACGG	31648
8247	2783	UGGUGGCG G UGAGGCGU	13274	ACGCCUCA GCCGAAAGGCGAGUGAGGUCU CGCCACCA	31649
8252	2778	GCGGUGAG G CGUUUAGG	13275	CCUAAACG GCCGAAAGGCGAGUGAGGUCU CUCACCGC	31650
8254	2776	GGUGAGGC G UUUAGGUG	13276	CACCUAAA GCCGAAAGGCGAGUGAGGUCU GCCUCACC	31651
8260	2770	GCGUUUAG G UGCUGACU	13277	AGUCAGCA GCCGAAAGGCGAGUGAGGUCU CUAAACGC	31652
8262	2768	GUUUAGGU G CUGACUUG	13278	CAAGUCAG GCCGAAAGGCGAGUGAGGUCU ACCUAAAC	31653
8270	2760	GCUGACUU G UACAUUCC	13279	GGAAUGUA GCCGAAAGGCGAGUGAGGUCU AAGUCAGC	31654
8284	2746	UCCCUCCU G UUUCUCAA	13280	UUGAGAAA GCCGAAAGGCGAGUGAGGUCU AGGAGGGA	31655
8306	2724	ACACUAAG G UCCACACC	13281	GGUGUGGA GCCGAAAGGCGAGUGAGGUCU CUUAGUGU	31656
8331	2699	UCAAAAGA G UGUUCAGC	13282	GCUGAACA GCCGAAAGGCGAGUGAGGUCU UCUUUUGA	31657
8333	2697	AAAAGAGU G UUCAGCUC	13283	GAGCUGAA GCCGAAAGGCGAGUGAGGUCU ACUCUUUU	31658
8338	2692	AGUGUUCA G CUCGUCCU	13284	AGGACGAG GCCGAAAGGCGAGUGAGGUCU UGAACACU	31659
8342	2688	UUCAGCUC G UCCUUCAC	13285		
				GUGAAGGA GCCGAAAGGCGAGUGAGGUCU GAGCUGAA	31660
8352	2678	CCUUCACU G CUUCCCAC	13286	GUGGGAAG GCCGAAAGGCGAGUGAGGUCU AGUGAAGG	31661
8368	2662	CAUUUGAU G CUCCAGUC	13287	GACUGGAG GCCGAAAGGCGAGUGAGGUCU AUCAAAUG	31662
8374	2656	AUGCUCCA G UCUGGAAA	13288	UUUCCAGA GCCGAAAGGCGAGUGAGGUCU UGGAGCAU	31663
8389	2641	AACUGAUC G UAGACCGC	13289	GCGGUCUA GCCGAAAGGCGAGUGAGGUCU GAUCAGUU	31664
8396	2634	CGUAGACC G CACACUCC	13290	GGAGUGUG GCCGAAAGGCGAGUGAGGUCU GGUCUACG	31665
8415	2615	CCUUAUGA G CUUUCUGA	13291	UCAGAAAG GCCGAAAGGCGAGUGAGGUCU UCAUAAGG	31666
8433	2597	UGAUCUUG G CUAGGCCU	13292	AGGCCUAG GCCGAAAGGCGAGUGAGGUCU CAAGAUCA	31667
8438	2592	UUGGCUAG G CCUUGUGG	13293	CCACAAGG GCCGAAAGGCGAGUGAGGUCU CUAGCCAA	31668
8443	2587	UAGGCCUU G UGGCGUUU	13294	AAACGCCA GCCGAAAGGCGAGUGAGGUCU AAGGCCUA	31669
8446		GCCUUGUG G CGUUUCAG	13295		
	2584			CUGAAACG GCCGAAAGGCGAGUGAGGUCU CACAAGGC	31670
8448	2582	CUUGUGGC G UUUCAGGG	13296	CCCUGAAA GCCGAAAGGCGAGUGAGGUCU GCCACAAG	31671
8456	2574	GUUUCAGG G UAAUACUU	13297	AAGUAUUA GCCGAAAGGCGAGUGAGGUCU CCUGAAAC	31672
8465	2565	UAAUACUU G UACCGGUC	13298	GACCGGUA GCCGAAAGGCGAGUGAGGUCU AAGUAUUA	31673
8471	2559	UUGUACCG G UCCAUCCA	13299	UGGAUGGA GCCGAAAGGCGAGUGAGGUCU CGGUACAA	31674
8481	2549	CCAUCCAA G CCUCCACA	13300	UGUGGAGG GCCGAAAGGCGAGUGAGGUCU UUGGAUGG	31675
8495	2535	ACAUCAUU G UGUAUGAA	13301	UUCAUACA GCCGAAAGGCGAGUGAGGUCU AAUGAUGU	31676
8497	2533	AUCAUUGU G UAUGAACA	13302	UGUUCAUA GCCGAAAGGCGAGUGAGGUCU ACAAUGAU	31677
8524	2506	ACAUCUCA G CUCUUGCC	13303	GGCAAGAG GCCGAAAGGCGAGUGAGGUCU UGAGAUGU	31678
8530	2500	CAGCUCUU G CCGGCUGA	13304		31679
8534	2496	UCUUGCCG G CUGAUGUC	13305	GACAUCAG GCCGAAAGGCGAGUGAGGUCU CGGCAAGA	
8540	2490	CGGCUGAU G UCUAUGGC			31680
-			13306	GCCAUAGA GCCGAAAGGCGAGUGAGGUCU AUCAGCCG	31681
8547	2483	UGUCUAUG G CACACCCA	13307	UGGGUGUG GCCGAAAGGCGAGUGAGGUCU CAUAGACA	31682
8556	2474	CACACCCA G UGUCAGCG	13308	CGCUGACA GCCGAAAGGCGAGUGAGGUCU UGGGUGUG	31683
8558	2472	CACCCAGU G UCAGCGUG	13309	CACGCUGA GCCGAAAGGCGAGUGAGGUCU ACUGGGUG	31684
8562	2468	CAGUGUCA G CGUGCACG	13310	CGUGCACG GCCGAAAGGCGAGUGAGGUCU UGACACUG	31685
8564	2466	GUGUCAGC G UGCACGUU	13311	AACGUGCA GCCGAAAGGCGAGUGAGGUCU GCUGACAC	31686
8566	2464	GUCAGCGU G CACGUUCA	13312	UGAACGUG GCCGAAAGGCGAGUGAGGUCU ACGCUGAC	31687
8570	2460	GOGUGCAC G UUCACGGA	13313	UCCGUGAA GCCGAAAGGCGAGUGAGGUCU GUGCACGC	31688
8587	2443	GAGGAAGA G CAGAACUC	13314	GAGUUCUG GCCGAAAGGCGAGUGAGGUCU UCUUCCUC	31689
8604	2426	CUCCAACU G CGAGAAAC	13315	GUUUCUCG GCCGAAAGGCGAGUGAGGUCU AGUUGGAG	31690
8613	2417	CGAGAAAC G UGAGAGCU	13316	AGCUCUCA GCCGAAAGGCGAGUGAGGUCU GUUUCUCG	
8619	2411	ACGUGAGA G CUAUGGAC			31691
			13317	GUCCAUAG GCCGAAAGGCGAGUGAGGUCU UCUCACGU	31692
8637	2393	UAUCACGA G CAUUGAUG	13318	CAUCAAUG GCCGAAAGGCGAGUGAGGUCU UCGUGAUA	31693
8645	2385	GCAUUGAU G CCCAUCCA	13319	UGGAUGGG GCCGAAAGGCGAGUGAGGUCU AUCAAUGC	31694
8664	2366	ACAGGAGA G CCCCCAGC	13320	GCUGGGGG GCCGAAAGGCGAGUGAGGUCU UCUCCUGU	31695
8671	2359	AGCCCCCA G CAAUCCUU	13321	AAGGAUUG GCCGAAAGGCGAGUGAGGUCU UGGGGGCU	31696

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8600	2350	CAAUCCUU G CGUUAUCC	13322	GGAUAACG GCCGAAAGGCGAGUGAGGUCU AAGGAUUG	31697
8680 8682	2348	AUCCUUGC G UUAUCCAG	13323	CUGGAUAA GCCGAAAGGCGAGUGAGGUCU GCAAGGAU	31698
	2334	CAGGACAU G CCUCCGAA	13324	UUCGGAGG GCCGAAAGGCGAGUGAGGUCU AUGUCCUG	31699
8696	2323	UCCGAACA G UGAGCGGA	13325	UCCGCUCA GCCGAAAGGCGAGUGAGGUCU UGUUCGGA	31700
8707	2319	AACAGUGA G CGGAAUGC	13326	GCAUUCCG GCCGAAAGGCGAGUGAGGUCU UCACUGUU	31701
8711	2312	AGCGGAAU G CUCCUCCG	13327	CGGAGGAG GCCGAAAGGCGAGUGAGGUCU AUUCCGCU	31702
8718 8742	2288	GAUGGACA G CCUUCCCA	13328	UGGGAAGG GCCGAAAGGCGAGUGAGGUCU UGUCCAUC	31703
8757	2273	CAACUGAG G UGAACACC	13329	GGUGUUCA GCCGAAAGGCGAGUGAGGUCU CUCAGUUG	31704
8783	2247	GAUCCAAA G UCCCAAGC	13330	GCUUGGGA GCCGAAAGGCGAGUGAGGUCU UUUGGAUC	31705
8790	2240	AGUCCCAA G CUGUGUCU	13331	AGACACAG GCCGAAAGGCGAGUGAGGUCU UUGGGACU	31706
8793	2237	CCCAAGCU G UGUCUCCU	13332	AGGAGACA GCCGAAAGGCGAGUGAGGUCU AGCUUGGG	31707
8795	2235	CAAGCUGU G UCUCCUAG	13333	CUAGGAGA GCCGAAAGGCGAGUGAGGUCU ACAGCUUG	31708
8805	2225	CUCCUAGA G CGGCUAGU	13334	ACUAGCCG GCCGAAAGGCGAGUGAGGUCU UCUAGGAG	31709
8808	2222	CUAGAGCG G CUAGUCUC	13335	GAGACUAG GCCGAAAGGCGAGUGAGGUCU CGCUCUAG	31710
8812	2218	AGCGGCUA G UCUCUGCG	13336	CGCAGAGA GCCGAAAGGCGAGUGAGGUCU UAGCCGCU	31711
8818	2212	UAGUCUCU G CGCUCCUU	13337	AAGGAGCG GCCGAAAGGCGAGUGAGGUCU AGAGACUA	31712
8820	2210	GUCUCUGC G CUCCUUUG	13338	CAAAGGAG GCCGAAAGGCGAGUGAGGUCU GCAGAGAC	31713
8832	2198	CUUUGAGG G UGGUUGUA	13339	UACAACCA GCCGAAAGGCGAGUGAGGUCU CCUCAAAG	31714
8835	2195	UGAGGGUG G UUGUAAAG	13340	CUUUACAA GCCGAAAGGCGAGUGAGGUCU CACCCUCA	31715
8838	2192	GGGUGGUU G UAAAGGCU	13341	AGCCUUUA GCCGAAAGGCGAGUGAGGUCU AACCACCC	31716
8844	2186	UUGUAAAG G CUUUGCCA	13342	UGGCAAAG GCCGAAAGGCGAGUGAGGUCU CUUUACAA	31717
8849	2181	AAGGCUUU G CCAAUGCU	13343	AGCAUUGG GCCGAAAGGCGAGUGAGGUCU AAAGCCUU	31718
8855	2175	UUGCCAAU G CUGCUUCC	13344	GGAAGCAG GCCGAAAGGCGAGUGAGGUCU AUUGGCAA	31719
8858	2172	CCAAUGCU G CUUCCAGA	13345	UCUGGAAG GCCGAAAGGCGAGUGAGGUCU AGCAUUGG	31720
8870	2160	CCAGACUU G UGCCAAUG	13346	CAUUGGCA GCCGAAAGGCGAGUGAGGUCU AAGUCUGG	31721
8872	2158	AGACUUGU G CCAAUGGU	13347	ACCAUUGG GCCGAAAGGCGAGUGAGGUCU ACAAGUCU	31722
8879	2151	UGCCAAUG G UGAUUGAU	13348	AUCAAUCA GCCGAAAGGCGAGUGAGGUCU CAUUGGCA	31723
8890	2140	AUUGAUCU G UUGUUCUC	13349	GAGAACAA GCCGAAAGGCGAGUGAGGUCU AGAUCAAU	31724
8893	2137	GAUCUGUU G UUCUCCUC	13350	GAGGAGAA GCCGAAAGGCGAGUGAGGUCU AACAGAUC	31725
8903	2127	UCUCCUCU G CCCACCAC	13351	GUGGUGGG GCCGAAAGGCGAGUGAGGUCU AGAGGAGA	31726
8915	2115	ACCACUAU G UAUGAGUC	13352	GACUCAUA GCCGAAAGGCGAGUGAGGUCU AUAGUGGU	31727
8921	2109	AUGUAUGA G UCUCCAAA	13353	UUUGGAGA GCCGAAAGGCGAGUGAGGUCU UCAUACAU	31728
8932	2098	UCCAAAGG G UGGUUCCA	13354	UGGAACCA GCCGAAAGGCGAGUGAGGUCU CCUUUGGA	31729
8935	2095	AAAGGGUG G UUCCAAUU	13355	AAUUGGAA GCCGAAAGGCGAGUGAGGUCU CACCCUUU	31730
8958	2072	GGACCUUA G CGUUGGCC	13356	GGCCAACG GCCGAAAGGCGAGUGAGGUCU UAAGGUCC	31731
8960	2070	ACCUUAGC G UUGGCCGU	13357	ACGGCCAA GCCGAAAGGCGAGUGAGGUCU GCUAAGGU	31732
8964	2066	UAGCGUUG G CCGUGGCC	13358	GGCCACGG GCCGAAAGGCGAGUGAGGUCU CAACGCUA	31733
8967	2063	CGUUGGCC G UGGCCACU	13359	AGUGGCCA GCCGAAAGGCGAGUGAGGUCU GGCCAACG	31734
8970	2060	UGGCCGUG G CCACUGAA	13360	UUCAGUGG GCCGAAAGGCGAGUGAGGUCU CACGGCCA	31735
8987	2043	ACAAAAGG G UUGACAGU	13361	ACUGUCAA GCCGAAAGGCGAGUGAGGUCU CCUUUUGU	31736
8994	2036	GGUUGACA G UGACCAAU	13362	AUUGGUCA GCCGAAAGGCGAGUGAGGUCU UGUCAACC	31737
9005	2025	ACCAAUCU G CCCACUGG	13363	CCAGUGGG GCCGAAAGGCGAGUGAGGUCU AGAUUGGU	31738
9013	2017	GCCCACUG G CGUUAGGU	13364	ACCUAACG GCCGAAAGGCGAGUGAGGUCU CAGUGGGC	31739
9015	2015	CCACUGGC G UUAGGUCG	13365	CGACCUAA GCCGAAAGGCGAGUGAGGUCU GCCAGUGG	31740
9020	2010	GGCGUUAG G UCGUUCAA	13366		31741
9023	2007	GUUAGGUC G UUCAAUGA	13367	· · · · · · · · · · · · · · · · · · ·	31742
9033	1997	UCAAUGAA G CCACUGAC	13368		31743
9056	1974	GGAACUUU G CAAGGUCC	13369		31744
9061	1969	UUUGCAAG G UCCAUCCG	13370		31745
9069	1961	GUCCAUCC G UGCCAGUG	13371		31746
9071	1959	CCAUCCGU G CCAGUGUA	13372		31747
9075	1955	CCGUGCCA G UGUACUGC	13373		31748
9077	1953	GUGCCAGU G UACUGCAA	13374		31749
9082	1948	AGUGUACU G CAAUUCCA	13375		31750
9099	1931	ACACCACA G UGCCGUGA	13376		31751
9101	1929	ACCACAGU G CCGUGACC	13377		31752
9104	1926	ACAGUGCC G UGACCUGU	13378		31753
9111	1919	CGUGACCU G UGUCUGCG	13379		31754
9113	1917	UGACCUGU G UCUGCGGG	13380		31755
9117	1913	CUGUGUCU G CGGGAGUC	13381		31756
9123	1907	CUGCGGGA G UCCCAAGA	13382		31757
9141	1889	ACUUGAAA G CCUUUGAA	13383	UUCAAAGG GCCGAAAGGCGAGUGAGGUCU UUUCAAGU	31758

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9155	1875	GAACAGAC G CCAUAGGU	13384	ACCUAUGG GCCGAAAGGCGAGUGAGGUCU GUCUGUUC	31759
9162	1868	OGCCAUAG G UUGUUCCC	13385	GGGAACAA GCCGAAAGGCGAGUGAGGUCU CUAUGGCG	31760
9165	1865	CAUAGGUU G UUCCCUUC	13386	GAAGGGAA GCCGAAAGGCGAGUGAGGUCU AACCUAUG	31761
9178	1852	CUUCAACU G CAAUUUUU	13387	AAAAAUUG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG	31762
9219	1811	GACCCGAC G UCAACUUG	13388	CAAGUUGA GCCGAAAGGCGAGUGAGGUCU GUCGGGUC	31763
9231	1799	ACUUGACA G UGUUGCUU	13389	AAGCAACA GCCGAAAGGCGAGUGAGGUCU UGUCAAGU	31764
9233	1797	UUGACAGU G UUGCUUGA	13390	UCAAGCAA GCCGAAAGGCGAGUGAGGUCU ACUGUCAA	31765
9236	1794	ACAGUGUU G CUUGAAAA	13391	UUUUCAAG GCCGAAAGGCGAGUGAGGUCU AACACUGU	31766
9258	1772	CAGGAAUG G CUCCAGCC	13392	GGCUGGAG GCCGAAAGGCGAGUGAGGUCU CAUUCCUG	31767
		UGGCUCCA G CCAAAGCU	13393	AGCUUUGG GCCGAAAGGCGAGUGAGGUCU UGGAGCCA	31768
9264	1766			GCAUCAAG GCCGAAAGGCGAGUGAGGUCU UUUGGCUG	
9270	1760	CAGCCAAA G CUUGAUGC	13394		31769
9277	1753	AGCUUGAU G CAGAGCUC	13395	GAGCUCUG GCCGAAAGGCGAGUGAGGUCU AUCAAGCU	31770
9282	1748	GAUGCAGA G CUCCCUCU	13396	AGAGGGAG GCCGAAAGGCGAGUGAGGUCU UCUGCAUC	31771
9292	1738	UCCCUCUU G UGAGCCCA	13397	UGGGCUCA GCCGAAAGGCGAGUGAGGUCU AAGAGGGA	31772
9296	1734	'UCUUGUGA G CCCAAUGC	13398	GCAUUGGG GCCGAAAGGCGAGUGAGGUCU UCACAAGA	31773
9303	1727	AGCCCAAU G CUAUCACA	13399	UGUGAUAG GCCGAAAGGCGAGUGAGGUCU AUUGGGCU	31774
9316	1714	CACAGACU G CUUCGUGG	13400	CCACGAAG GCCGAAAGGCGAGUGAGGUCU AGUCUGUG	31775
9321	1709	ACUGCUUC G UGGCGUGU	13401	ACACGCCA GCCGAAAGGCGAGUGAGGUCU GAAGCAGU	31776
9324	1706	GCUUCGUG G CGUGUGGU	13402	ACCACACG GCCGAAAGGCGAGUGAGGUCU CACGAAGC	31777
9326	1704	UUCGUGGC G UGUGGUUC	13403	GAACCACA GCCGAAAGGCGAGUGAGGUCU GCCACGAA	31778
9328	1702	CGUGGCGU G UGGUUCCU	13404	AGGAACCA GCCGAAAGGCGAGUGAGGUCU ACGCCACG	31779
9331	1699	GGCGUGUG G UUCCUCAA	13405	UUGAGGAA GCCGAAAGGCGAGUGAGGUCU CACACGCC	31780
9351	1679	CCAUUAAC G UCUCUCUG	13406	CAGAGAGA GCCGAAAGGCGAGUGAGGUCU GUUAAUGG	31781
9359	1671	GUCUCUCU G UUCCUCCA	13407	UGGAGGAA GCCGAAAGGCGAGUGAGGUCU AGAGAGAC	31782
9372	1658	UCCACACA G UACUUCCA	13408	UGGAAGUA GCCGAAAGGCGAGUGAGGUCU UGUGUGGA	31783
9381	1649	UACUUCCA G CACUGCUC	13409	GAGCAGUG GCCGAAAGGCGAGUGAGGUCU UGGAAGUA	31784
9386	1644	CCAGCACU G CUCCAAGG	13410	CCUUGGAG GCCGAAAGGCGAGUGAGGUCU AGUGCUGG	31785
9398	1632	CAAGGGAG G UUGAGGUC	13411	GACCUCAA GCCGAAAGGCGAGUGAGGUCU CUCCCUUG	31786
9404		AGGUUGAG G UCCAUGAA		UUCAUGGA GCCGAAAGGCGAGUGAGGUCU CUCAACCU	
	1626		13412		31787
9435	1595	CCAAGAAC G UCUUUGUU	13413	AACAAAGA GCCGAAAGGCGAGUGAGGUCU GUUCUUGG	31788
9441	1589	ACGUCUUU G UUCCAACA	13414	UGUUGGAA GCCGAAAGGCGAGUGAGGUCU AAAGACGU	31789
9450	1580	UUCCAACA G UCAUCACG	13415	CGUGAUGA GCCGAAAGGCGAGUGAGGUCU UGUUGGAA	31790
9458	1572	GUCAUCAC G VAGUAUGC	13416	GCAUACUA GCCGAAAGGCGAGUGAGGUCU GUGAUGAC	31791
9461	1569	AUCACGUA G UAUGCAUU	13417	AAUGCAUA GCCGAAAGGCGAGUGAGGUCU UACGUGAU	31792
9465	1565	CGUAGUAU G CAUUGGUG	13418	CACCAAUG GCCGAAAGGCGAGUGAGGUCU AUACUACG	31793
9471	1559	AUGCAUUG G UGUCAAUC	13419	GAUUGACA GCCGAAAGGCGAGUGAGGUCU CAAUGCAU	31794
9473	1557	GCAUUGGU G UCAAUCCC	13420	GGGAUUGA GCCGAAAGGCGAGUGAGGUCU ACCAAUGC	31795
9487	1543	CCCUGACC G UGGUUCAC	13421	GUGAACCA GCCGAAAGGCGAGUGAGGUCU GGUCAGGG	31796
9490	1540	UGACCGUG G UUCACAGU	13422	ACUGUGAA GCCGAAAGGCGAGUGAGGUCU CACGGUCA	31797
9497	1533	GGUUCACA G UCCACUGU	13423	ACAGUGGA GCCGAAAGGCGAGUGAGGUCU UGUGAACC	31798
9504	1526	AGUCCACU G UCACCUCU	13424	AGAGGUGA GCCGAAAGGCGAGUGAGGUCU AGUGGACU	31799
9526	1504	UUCUCCAA G CUUUAGUG	13425	CACUAAAG GCCGAAAGGCGAGUGAGGUCU UUGGAGAA	31800
9532	1498	AAGCUUUA G UGUGUAUG	13426	CAUACACA GCCGAAAGGCGAGUGAGGUCU UAAAGCUU	31801
9534	1496	GCUUUAGU G UGUAUGAA	13427	UUCAUACA GCCGAAAGGCGAGUGAGGUCU ACUAAAGC	31802
9536		UUUAGUGU G UAUGAAGG	13428		31803
9544	1486	GUAUGAAG G CGCCGCAG	13429		31804
9546	1484	AUGAAGGC G CCGCAGGA	13430	UCCUGCGG GCCGAAAGGCGAGUGAGGUCU GCCUUCAU	31805
9549	1481	AAGGCGCC G CAGGAGUG	13431		31806
9555	1475	CCGCAGGA G UGAUGCUG	13432	CACCOCCO GCCGAAAGGCGAGGGCCU GGCGCCUU CAGCAUCA GCCGAAAGGCGAGGUCU UCCUGCGG	
9560	1470	GGAGUGAU G CUGAAUCU			31807
			13433	AGAUUCAG GCCGAAAGGCGAGUCAGGUCU AUCACUCC	31808
9573	1457	AUCUCCCU G CCUGAGUG	13434	CACUCAGG GCCGAAAGGCGAGUGAGGUCU AGGGAGAU	31809
9579	1451	CUGCCUGA G UGGCUCCA	13435	<u></u>	31810
9582	1448	CCUGAGUG G CUCCAACC	13436	GGUUGGAG GCCGAAAGGCGAGUGAGGUCU CACUCAGG	31811
9592	1438	UCCAACCU G UGUGGAGU	13437	ACUCCACA GCCGAAAGGCGAGUGAGGUCU AGGUUGGA	31812
9594	1436	CAACCUGU G UGGAGUAG	13438	CUACUCCA GCCGAAAGGCGAGUGAGGUCU ACAGGUUG	31813
9599	1431	UGUGUGGA G UAGUUUCC	13439	GGAAACUA GCCGAAAGGCGAGUGAGGUCU UCCACACA	31814
9602	1428	GUGGAGUA G UUUCCGUG	13440	CACGGAAA GCCGAAAGGCGAGUGAGGUCU UACUCCAC	31815
9608	1422	UAGUUUCC G UGCGACUC	13441	GAGUCGCA GCCGAAAGGCGAGUGAGGUCU GGAAACUA	31816
9610	1420	GUUUCCGU G CGACUCCA	13442	UGGAGUCG GCCGAAAGGCGAGUGAGGUCU ACGGAAAC	31817
9621	1409	ACUCCACA G UAGUUGGU	13443	ACCAACUA GCCGAAAGGCGAGUGAGGUCU UGUGGAGU	31818
9624	1406	CCACAGUA G UUGGUCCA	13444	UGGACCAA GCCGAAAGGCGAGUGAGGUCU UACUGUGG	31819
9628	1402	AGUAGUUG G UCCAUGGA	13445	UCCAUGGA GCCGAAAGGCGAGUGAGGUCU CAACUACU	31820
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		CAAAAAUG G CCACUUCG	13446	CGAAGUGG GCCGAAAGGCGAGUGAGGUCU CAUUUUUG	31821
9645	1385	GCCACUUC G UACUUGAU	13447	AUCAAGUA GCCGAAAGGCGAGUGAGGUCU GAAGUGGC	31822
9653	1377	UCAAGAUG G UUCUUCCU	13448	AGGAAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUUGA	31823
9678	1352	UUCCUAUU G CCUUGGUA	13449	UACCAAGG GCCGAAAGGCGAGUGAGGUCU AAUAGGAA	31824
9690	1340	UUGCCUUG G UAGAGCAG	13450	CUGCUCUA GCCGAAAGGCGAGUGAGGUCU CAAGGCAA	31825
9696	1334	UUGGUAGA G CAGGCAAA	13451	UUUGCCUG GCCGAAAGGCGAGUGAGGUCU UCUACCAA	31826
9701	1329		13452	CAAAUUUG GCCGAAAGGCGAGUGAGGUCU CUGCUCUA	31827
9705	1325	UAGAGCAG G CAAAUUUG		CACAUGCG GCCGAAAGGCGAGUGAGGUCU CAAAUUUG	31828
9714	1316	CAAAUUUG G CGCAUGUG	13453	GACACAUG GCCGAAAGGCGAGUGAGGUCU GCCAAAUU	31829
9716	1314	AAUUUGGC G CAUGUGUC	13454	CAUUGACA GCCGAAAGGCGAGUGAGGUCU AUGCGCCA	31830
9720	1310	UGGCGCAU G UGUCAAUG	13455	AGCAUUGA GCCGAAAGGCGAGUGAGGUCU ACAUGCGC AGCAUUGA GCCGAAAGGCGAGUGAGGUCU ACAUGCGC	31831
9722	1308	GCGCAUGU G UCAAUGCU	13456		
9728	1302	GUGUCAAU G CUUCCUUU	13457	AAAGGAAG GCCGAAAGGCGAGUGAGGUCU AUUGACAC	31832
9737	1293	CUUCCUUU G CCAAAUAA	13458	UUAUUUGG GCCGAAAGGCGAGUGAGGUCU AAAGGAAG	31833
9749	1281	AAUAAUCC G CAGCCGUU	13459	AACGGCUG GCCGAAAGGCGAGUGAGGUCU GGAUUAUU	31834
9752	1278	AAUCCGCA G CCGUUGCC	13460	GGCAACGG GCCGAAAGGCGAGUGAGGUCU UGCGGAUU	31835
9755	1275	CCGCAGCC G UUGCCCCA	13461	UGGGGCAA GCCGAAAGGCGAGUGAGGUCU GGCUGCGG	31836
9758	1272	CAGCCGUU G CCCCAGCC	13462	GGCUGGGG GCCGAAAGGCGAGUGAGGUCU AACGGCUG	31837
9764	1266	UUGCCCCA G CCCCUGUC	13463	GACAGGGG GCCGAAAGGCGAGUGAGGUCU UGGGGCAA	31838
9770	1260	CAGCCCCU G UCCACCAC	13464	GUGGUGGA GCCGAAAGGCGAGUGAGGUCU AGGGGCUG	31839
9784	1246	CACUCCUU G UCUGCACA	13465	UGUGCAGA GCCGAAAGGCGAGUGAGGUCU AAGGAGUG	31840
9788	1242	CCUUGUCU G CACACAAA	13466	UUUGUGUG GCCGAAAGGCGAGUGAGGUCU AGACAAGG	31841
9798	1232	ACACAAAA G CUGGGUCA	13467	UGACCCAG GCCGAAAGGCGAGUGAGGUCU UUUUGUGU	31842
9803	1227	AAAGCUGG G UCAGCACG	13468	CGUGCUGA GCCGAAAGGCGAGUGAGGUCU CCAGCUUU	31843
9807	1223	CUGGGUCA G CACGUUUG	13469	CAAACGUG GCCGAAAGGCGAGUGAGGUCU UGACCCAG	31844
9811	1219	GUCAGCAC G UUUGUCAU	13470	AUGACAAA GCCGAAAGGCGAGUGAGGUCU GUGCUGAC	31845
9815	1215	GCACGUUU G UCAUUGUG	13471	CACAAUGA GCCGAAAGGCGAGUGAGGUCU AAACGUGC	31846
9821	1209	UUGUCAUU G UGAGCUUC	13472	GAAGCUCA GCCGAAAGGCGAGUGAGGUCU AAUGACAA	31847
9825	1205	CALTUGUGA G CUUCUCCC	13473	GGGAGAAG GCCGAAAGGCGAGUGAGGUCU UCACAAUG	31848
9837	1193	CUCCCAUG G UCGGGCAC	13474	GUGCCCGA GCCGAAAGGCGAGUGAGGUCU CAUGGGAG	31849
9842	1188	AUGGUCGG G CACGCAGC	13475	GCUGCGUG GCCGAAAGGCGAGUGAGGUCU CCGACCAU	31850
9846	1184	UCGGGCAC G CAGCUUUG	13476	CAAAGCUG GCCGAAAGGCGAGUGAGGUCU GUGCCCGA	31851
9849	1181	GGCACGCA G CUUUGGUG	13477	CACCAAAG GCCGAAAGGCGAGUGAGGUCU UGCGUGCC	31852
9855	1175	CAGCUUUG G UGGAGAGA	13478	UCUCUCCA GCCGAAAGGCGAGUGAGGUCU CAAAGCUG	31853
9866	1164	GAGAGAUC G CUGACGGU	13479	ACCGUCAG GCCGAAAGGCGAGUGAGGUCU GAUCUCUC	31854
9873	1157	CGCUGACG G UAGCCAAA	13480	UUUGGCUA GCCGAAAGGCGAGUGAGGUCU CGUCAGCG	31855
9876	1154	UGACGGUA G CCAAAUAG	13481	CUAUUUGG GCCGAAAGGCGAGUGAGGUCU UACCGUCA	31856
9884	1146	GCCAAAUA G CAAUAACU	13482	AGUUAUUG GCCGAAAGGCGAGUGAGGUCU UAUUUGGC	31857
9893	1137	CAAUAACU G CGGACCUC	13483	GAGGUCCG GCCGAAAGGCGAGUGAGGUCU AGUUAUUG	31858
9903	1127	GGACCUCU G CCAGGUUG	13484	CAACCUGG GCCGAAAGGCGAGUGAGGUCU AGAGGUCC	31859
9908	1122	UCUGCCAG G UUGACCGC	13485	GCGGUCAA GCCGAAAGGCGAGUGAGGUCU CUGGCAGA	31860
9915	1115	GGUUGACC G CCUCCAUA	13486	UAUGGAGG GCCGAAAGGCGAGUGAGGUCU GGUCAACC	31861
9945	1085	CAUCGAUG G UAGGCUUG	13487	CAAGCCUA GCCGAAAGGCGAGUGAGGUCU CAUCGAUG	31862
9949	1081	GAUGGUAG G CUUGUCCU	13488	AGGACAAG GCCGAAAGGCGAGUGAGGUCU CUACCAUC	31863
9953	1077	GUAGGCUU G UCCUUAGA	13489	UCUAAGGA GCCGAAAGGCGAGUGAGGUCU AAGCCUAC	31864
9969	1061	ACAUGAUA G UCACGCAG	13490	\	31865
9974	1056	AUAGUCAC G CAGCUGUC	13491		31866
9977	1053	GUCACGCA G CUGUCGCC	13492		31867
9980	1050	ACGCAGCU G UCGCCUUC	13493		31868
9983	1047	CAGCUGUC G CCUUCGAG	13494	CUCGAAGG GCCGAAAGGCGAGUGAGGUCU GACAGCUG	31869
10008	1022	CCACCCAU G UUGCUCCA	13495	UGGAGCAA GCCGAAAGGCGAGUGAGGUCU AUGGGUGG	31870
10011	1019	CCCAUGUU G CUCCAGAC	13496	GUCUGGAG GCCGAAAGGCGAGUGAGGUCU AACAUGGG	31871
10034	996	UCCAAGAA G UCUCUGUU	13497	AACAGAGA GCCGAAAGGCGAGUGAGGUCU UUCUUGGA	31872
10040	990	AAGUCUCU G UUGCUCAU	13498	AUGAGCAA GCCGAAAGGCGAGUGAGGUCU AGAGACUU	31873
10043	987	UCUCUGUU G CUCAUUCC	13499	GGAAUGAG GCCGAAAGGCGAGUGAGGUCU AACAGAGA	31874
10055	975	AUUCCAAG G CAGUUGAA	13500	UUCAACUG GCCGAAAGGCGAGUGAGGUCU CUUGGAAU	31875
10058	972	CCAAGGCA G UUGAAGCU	13501	AGCUUCAA GCCGAAAGGCGAGUGAGGUCU UGCCUUGG	31876
10064	966	CAGUUGAA G CUGUAAGC	13502	GCUUACAG GCCGAAAGGCGAGUGAGGUCU UUCAACUG	31877
10067	963	UUGAAGCU G UAAGCUGG	13503	CCAGCUUA GCCGAAAGGCGAGUGAGGUCU AGCUUCAA	31878
10071	959	AGCUGUAA G CUGGGGCC	13504	GGCCCCAG GCCGAAAGGCGAGUGAGGUCU UUACAGCU	31879
10077	953	AAGCUGGG G CCACCAAA	13505	UUUGGUGG GCCGAAAGGCGAGUGAGGUCU CCCAGCUU	31880
10087	943	CACCAAAA G CAAUAGCA	13506	UGCUAUUG GCCGAAAGGCGAGUGAGGUCU UUUUGGUG	31881
10093	937	AAGCAAUA G CACGACAA	13507	<u> </u>	31882
					

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10114	916	AACUCUCU G CAUGGUGU	13508	ACACCAUG GCCGAAAGGCGAGUGAGGUCU AGAGAGUU	31883
10119	911	UCUGCAUG G UGUUGCUC	13509	GAGCAACA GCCGAAAGGCGAGUGAGGUCU CAUGCAGA	31884
10121	909	UGCAUGGU G UUGCUCCC	13510	GGGAGCAA GCCGAAAGGCGAGUGAGGUCU ACCAUGCA	31885
10124	906	AUGGUGUU G CUCCCAAG	13511	CUUGGGAG GCCGAAAGGCGAGUGAGGUCU AACACCAU	31886
10132	898	GCUCCCAA G CAUCCAAC	13512	GUUGGAUG GCCGAAAGGCGAGUGAGGUCU UUGGGAGC	31887
		CAAUGACG G CUGCCACC	13512	GGUGGCAG GCCGAAAGGCGAGUGAGGUCU CGUCAUUG	31888
10149	881 878	UGACGGCU G CCACCAGG	13514	CCUGGUGG GCCGAAAGGCGAGUGAGGUCU AGCCGUCA	31889
10152			13514	UGGAUAUG GCCGAAAGGCGAGUGAGGUCU CCUGGUGG	-
10161	869	CCACCAGG G CAUAUCCA			31890
10172	858	UAUCCAGG G UUCCUCAA	13516	UUGAGGAA GCCGAAAGGCGAGUGAGGUCU CCUGGAUA	31891
10194	836	AUGAUUCU G UUUUUACC	13517	GGUAAAAA GCCGAAAGGCGAGUGAGGUCU AGAAUCAU	31892
10212	818	AAUACCUU G UGGCCUUG	13518	CAAGGCCA GCCGAAAGGCGAGUGAGGUCU AAGGUAUU	31893
10215	815	ACCUUGUG G CCUUGGUG	13519	CACCAAGG GCCGAAAGGCGAGUGAGGUCU CACAAGGU	31894
10221	809	UGGCCUUG G UGCUGUCC	13520	GGACAGCA GCCGAAAGGCGAGUGAGGUCU CAAGGCCA	31895
10223	807	GCCUUGGU G CUGUCCAU	13521	AUGGACAG GCCGAAAGGCGAGUGAGGUCU ACCAAGGC	31896
10226	804	UUGGUGCU G UCCAUCCA	13522	UGGAUGGA GCCGAAAGGCGAGUGAGGUCU AGCACCAA	31897
10236	794	CCAUCCAA G CCCCCUUC	13523	GAAGGGG GCCGAAAGGCGAGUGAGGUCU UUGGAUGG	31898
10247	783	CCCUUCUU G UUCGCUAG	13524	CUAGCGAA GCCGAAAGGCGAGUGAGGUCU AAGAAGGG	31899
10251	779	UCUUGUUC G CUAGAGUG	13525	CACUCUAG GCCGAAAGGCGAGUGAGGUCU GAACAAGA	31900
10257	773	UCGCUAGA G UGCUUUCU	13526	AGAAAGCA GCCGAAAGGCGAGUGAGGUCU UCUAGCGA	31901
10259	771	GCUAGAGU G CUUUCUCC	13527	GGAGAAAG GCCGAAAGGCGAGUGAGGUCU ACUCUAGC	31902
10268	762	CUTUCACE & AGAGACA	13528	CAGACACA GCCGAAAGGCGAGUGAGGUCU GGAGAAAG	31903
10270	760	UUCUCCGU G UGUCUGCA	13529	UGCAGACA GCCGAAAGGCGAGUGAGGUCU ACGGAGAA	31904
10272	758	CUCCGUGU G UCUGCACU	13530	AGUGCAGA GCCGAAAGGCGAGUGAGGUCU ACACGGAG	31905
10276	754	GUGUGUCU G CACUGUCA	13531	UGACAGUG GCCGAAAGGCGAGUGAGGUCU AGACACAC	31906
10281	749	UCUGCACU G UCAGUGAC	13532	GUCACUGA GCCGAAAGGCGAGUGAGGUCU AGUGCAGA	31907
10285	745	CACUGUCA G UGACCUCC	13533	GGAGGUCA GCCGAAAGGCGAGUGAGGUCU UGACAGUG	31908
10298	732	CUCCGACU G CGUCUUGA	13534	UCAAGACG GCCGAAAGGCGAGUGAGGUCU AGUCGGAG	31909
10300	730	CCGACUGC G UCUUGAGU	13535	ACUCAAGA GCCGAAAGGCGAGUGAGGUCU GCAGUCGG	31910
10307	723	CGUCUUGA G UGGCGUGU	13536	ACACGCCA GCCGAAAGGCGAGUGAGGUCU UCAAGACG	31911
10310	720	CUUGAGUG G CGUGUCUU	13537	AAGACACG GCCGAAAGGCGAGUGAGGUCU CACUCAAG	31912
10312	718	UGAGUGGC G UGUCUUGG	13538	CCAAGACA GCCGAAAGGCGAGUGAGGUCU GCCACUCA	31913
10314	716	AGUGGCGU G UCUUGGUG	13539	CACCAAGA GCCGAAAGGCGAGUGAGGUCU ACGCCACU	31914
10320	710	GUGUCUUG G UGCAUCUU	13540	AAGAUGCA GCCGAAAGGCGAGUGAGGUCU CAAGACAC	31915
10322	708	GUCUUGGU G CAUCUUCC	13541	GGAAGAUG GCCGAAAGGCGAGUGAGGUCU ACCAAGAC	31916
10340	690	UACCUGAC G UAGACUGC	13542	GCAGUCUA GCCGAAAGGCGAGUGAGGUCU GUCAGGUA	31917
10347	683	CGUAGACU G CUGACUUU	13543	AAAGUCAG GCCGAAAGGCGAGUGAGGUCU AGUCUACG	31918
10356	674	CUGACUUU G UGCACCAA	13544	UUGGUGCA GCCGAAAGGCGAGUGAGGUCU AAAGUCAG	31919
10358	672	GACUUUGU G CACCAACA	13545	UGUUGGUG GCCGAAAGGCGAGUGAGGUCU ACAAAGUC	31920
10367	663	CACCAACA G UCGAUGUC	13546	GACAUCGA GCCGAAAGGCGAGUGAGGUCU UGUUGGUG	31921
10373	657	CAGUCGAU G UCUUCUGG	13547	CCAGAAGA GCCGAAAGGCGAGUGAGGUCU AUCGACUG	31922
10392	638	CAUUACCA G CCGACAGC	13548	GCUGUCGG GCCGAAAGGCGAGUGAGGUCU UGGUAAUG	31923
10399	631	AGCCGACA G CACUGGGC	13549	GCCCAGUG GCCGAAAGGCGAGUGAGGUCU UGUCGGCU	31924
10406	624	AGCACUGG G CAUUCAUA	13550	UAUGAAUG GCCGAAAGGCGAGUGAGGUCU CCAGUGCU	31925
10416	614	AUUCAUAA G UGAUAGUA	13551	UACUAUCA GCCGAAAGGCGAGUGAGGUCU UUAUGAAU	31926
10422	608	AAGUGAUA G UAUCAUCG	13552	CGAUGAUA GCCGAAAGGCGAGUGAGGUCU UAUCACUU	31927
10430	600	GUAUCAUC G CACAUGUA	13553	UACAUGUG GCCGAAAGGCGAGUGAGGUCU GAUGAUAC	31928
10436	594	UCGCACAU G UAUCCCAC	13554	GUGGGAUA GCCGAAAGGCGAGUGAGGUCU AUGUGCGA	31929
10452	578	CAUCCAUU G CUCUGACA	13555		31930
10463	567	CUGACAAU G CAUAGGUU	13556		31931
10469	561	AUGCAUAG G UUCUUUCC	13557		31932
10479	551	UCUUUCCA G CAGCUGUU	13558		31933
10482	548	UUCCAGCA G CUGUUGGA	13559	UCCAACAG GCCGAAAGGCGAGUGAGGUCU UGCUGGAA	31934
10485	545	CAGCAGCU G UUGGAAUC	13560	GAUUCCAA GCCGAAAGGCGAGUGAGGUCU AGCUGCUG	31935
10494	536	UUGGAAUC G UGAUGACA	13561	UGUCAUCA GCCGAAAGGCGAGUGAGGUCU GAUUCCAA	31936
10506	524	UGACAUCU G UGACGUCA	13562	UGACGUCA GCCGAAAGGCGAGUGAGGUCU AGAUGUCA	31937
10511	519	UCUGUGAC G UCAGUAGC	13563	GCUACUGA GCCGAAAGGCGAGUGAGGUCU GUCACAGA	31938
10515	515	UGACGUCA G UAGCAUUU	13564		31939
10518	512	CGUCAGUA G CAUUUACC	13565	GGUAAAUG GCCGAAAGGCGAGUGAGGUCU UACUGACG	31940
10527	503	CAUUUACC G UCAUCAUC	13566	GAUGAUGA GCCGAAAGGCGAGUGAGGUCU GGUAAAUG	31941
10550	480	CCUUGGAA G UUAGAGAG	13567	CUCUCUAA GCCGAAAGGCGAGUGAGGUCU UUCCAAGG	31942
10560	470	UAGAGAGG G UAACUGCU	13568	AGCAGUUA GCCGAAAGGCGAGUGAGGUCU CCUCUCUA	31943
10566	464	GGGUAACU G CUCCUACG	13569	CGUAGGAG GCCGAAAGGCGAGUGAGGUCU AGUUACCC	31944
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10574	456	GCUCCUAC G CUGGCGAU	13570	AUCGCCAG GCCGAAAGGCGAGUGAGGUCU GUAGGAGC	31945
10578	452	CUACGCUG G CGAUCAGG	13571	CCUGAUCG GCCGAAAGGCGAGUGAGGUCU CAGCGUAG	31946
10586	444	GCGAUCAG G CCAAUCAU	13572	AUGAUUGG GCCGAAAGGCGAGUGAGGUCU CUGAUCGC	31947
10599	431	UCAUGACU G CAAUUCCG	13573	CGGAAUUG GCCGAAAGGCGAGUGAGGUCU AGUCAUGA	31948
10608	422	CAAUUCCG G UCUUUCCU	13574	AGGAAAGA GCCGAAAGGCGAGUGAGGUCU CGGAAUUG	31949
10630	400	UUUCUUUU G UUUUGAGC	13575	GCUCAAAA GCCGAAAGGCGAGUGAGGUCU AAAAGAAA	31950
10637	393	UGUUUUGA G CUCCGCCG	13576	CGGCGGAG GCCGAAAGGCGAGUGAGGUCU UCAAAACA	31951
10642	388	UGAGCUCC G CCGAUUGA	13577	UCAAUCGG GCCGAAAGGCGAGUGAGGUCU GGAGCUCA	31952
10653	377	GAUUGAUA G CACUGGUC	13578	GACCAGUG GCCGAAAGGCGAGUGAGGUCU UAUCAAUC	31953
10659	371	UAGCACUG G UCAAGGUC	13579	GACCUUGA GCCGAAAGGCGAGUGAGGUCU CAGUGCUA	31954
10665	365	UGGUCAAG G UCCCUAGU	13580	ACUAGGGA GCCGAAAGGCGAGUGAGGUCU CUUGACCA	31955
10672	358	GGUCCCUA G UUCCUUCU	13581	AGAAGGAA GCCGAAAGGCGAGUGAGGUCU UAGGGACC	31956
10694	336	CUCAGAAG G UGUUUCAU	13582	AUGAAACA GCCGAAAGGCGAGUGAGGUCU CUUCUGAG	31957
10696	334	CAGAAGGU G UUUCAUCG	13583	CGAUGAAA GCCGAAAGGCGAGUGAGGUCU ACCUUCUG	31958
10704	326	GUUUCAUC G CUGUUUGU	13584	ACAAACAG GCCGAAAGGCGAGUGAGGUCU GAUGAAAC	31959
10707	323	UCAUCGCU G UUUGUUUG	13585	CAAACAAA GCCGAAAGGCGAGUGAGGUCU AGCGAUGA	31960
10711	319	CGCUGUUU G UUUGUUCA	13586	UGAACAAA GCCGAAAGGCGAGUGAGGUCU AAACAGCG	31961
10715	315	GUUUGUUU G UUCACACC	13587	GGUGUGAA GCCGAAAGGCGAGUGAGGUCU AAACAAAC	31962
10738	292	UCGAUCCA G CACUGCUC	13588	GAGCAGUG GCCGAAAGGCGAGUGAGGUCU UGGAUCGA	31963
10743	287	CCAGCACU G CUCGGGUC	13589	GACCCGAG GCCGAAAGGCGAGUGAGGUCU AGUGCUGG	31964
10749	281	CUGCUCGG G UCGGAGCA	13590	UGCUCCGA GCCGAAAGGCGAGUGAGGUCU CCGAGCAG	31965
10755	275	GGGUCGGA G CAAUUGCU	13591	AGCAAUUG GCCGAAAGGCGAGUGAGGUCU UCCGACCC	31966
10761	269	GAGCAAUU G CUGUGAAC	13592	GUUCACAG GCCGAAAGGCGAGUGAGGUCU AAUUGCUC	31967
10764	266	CAAUUGCU G UGAACCUG	13593	CAGGUUCA GCCGAAAGGCGAGUGAGGUCU AGCAAUUG	31968
10779	251	UGAAGAAC G CCAAGAGA	13594	UCUCUUGG GCCGAAAGGCGAGUGAGGUCU GUUCUUCA	31969
10788	242	CCAAGAGA G CCAACACA	13395	UGUGUUGG GCCGAAAGGCGAGUGAGGUCU UCUCUUGG	31970
10801	229	CACAAAUC G UAUUGGCC	13596	GGCCAAUA GCCGAAAGGCGAGUGAGGUCU GAUUUGUG	31971
10807	223	UCGUAUUG G CCCCUUGC	13597	GCAAGGG GCCGAAAGGCGAGUGAGGUCU CAAUACGA	31972
10814	216	GGCCCCUU G CCGUCGAU	13598	AUCGACGG GCCGAAAGGCGAGUGAGGUCU AAGGGGCC	31973
10817	213	CCCUUGCC G UCGAUCAG	13599	CUGAUCGA GCCGAAAGGCGAGUGAGGUCU GGCAAGGG	31974
10826	204	UCGAUCAG G CUCAACAU	13600	AUGUUGAG GCCGAAAGGCGAGUGAGGUCU CUGAUCGA	31975
10836	194	UCAACAUA G CCCUCUUC	13601	GAAGAGGG GCCGAAAGGCGAGUGAGGUCU UAUGUUGA	31976
10846	184	CCUCUUCA G UCCAAUCA	13602	UGAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAAGAGG	31977
10865	165	GACAACAC G CGGGGCAU	13603	AUGCCCCG GCCGAAAGGCGAGUGAGGUCU GUGUUGUC	31978
10870	160	CACGCGGG G CAUUCCGC	13604	GCGGAAUG GCCGAAAGGCGAGUGAGGUCU CCCGCGUG	31979
10877	153	GGCAUUCC G CGUUUUAG	13605	CUAAAACG GCCGAAAGGCGAGUGAGGUCU GGAAUGCC	31980
10879	151	CAUUCCGC G UUUUAGCA	13606	UGCUAAAA GCCGAAAGGCGAGUGAGGUCU GCGGAAUG	31981
10885	145	GCGUUUUA G CAUAUUGA	13607	UCANUAUG GCCGAAAGGCGAGUGAGGUCU UAAAACGC	31982
10896	134	UAUUGACA G CCCGGCUC	13608	GAGCCGGG GCCGAAAGGCGAGUGAGGUCU UGUCAAUA	31983
10901	129	ACAGCCCG G CUCUUGCC	13609	GGCAAGAG GCCGAAAGGCGAGUGAGGUCU CGGGCUGU	31984
10907	123	CGGCUCUU G CCGGGCCC	13610	GGGCCCGG GCCGAAAGGCGAGUGAGGUCU AAGAGCCG	31985
10912	118	CUUGCCGG G CCCUCCUG	13611	CAGGAGGG GCCGAAAGGCGAGUGAGGUCU CCGGCAAG	31986
10921	109	CCCUCCUG G UUUCUUAG	13612	CUAAGAAA GCCGAAAGGCGAGUGAGGUCU CAGGAGGG	31987
10944	86	AGAUCUUC G UGCUAAGA	13613	UCUUAGCA GCCGAAAGGCGAGUGAGGUCU GAAGAUCU	31988
10946	84	AUCUUCGU G CUAAGAAA	13614	UUUCUUAG GCCGAAAGGCGAGUGAGGUCU ACGAAGAU	31989
10957	73	AAGAAACA G CUCGCACU	13615		31990
10961	69	AACAGCUC G CACUGUGU	13616		31991
10966	64	CUCGCACU G UGUUAAUU	13617		31992
10968	62	CGCACUGU G UUAAUUGU	13618	ACAAUUAA GCCGAAAGGCGAGUGAGGUCU ACAGUGCG	31993
10975	55	UGUUAAUU G UUGUUAAU	13619		31994
10978	52	UAAUUGUU G UUAAUCCU	13620	·	31995
11002	28	ACUACUAA G UUUGUCAG	13621	CUGACAAA GCCGAAAGGCGAGUGAGGUCU UUAGUAGU	31996
11006	24	CUAAGUUU G UCAGCUCA	13622	UGAGCUGA GCCGAAAGGCGAGUGAGGUCU AAACUUAG	31997
11010	50	GUUUGUCA G CUCACACA	13623	UGUGUGAG GCCGAAAGGCGAGUGAGGUCU UGACAAAC	31998
11020	10	UCACACAG G CGAACUAC	13624	GUAGUUCG GCCGAAAGGCGAGUGAGGUCU CUGUGUGA	31999

Input Sequence = AF196835_rc. Cut Site = G/Y
Arm Length = 8. Core Sequence = GCCGAAAGGCGAGUCAAGGUCU
AF196835_rc reverse complement of West Nile virus strain NY99-flamingo382-99,
complete genome

Table XI: WNV minus strand DNAzyme and Target Sequence

Pos	Pos	Substrate	Seq ID	DNAzyme Sequence	Seq ID
	(+str)				
88	10942	CCUAGUCU A UCCCAGGU	7383	ACCTGGGA GGCTAGCTACAACGA AGACTAGG	32000
103	10927	GUGUCAAU A UGCUGUUU	7386	AAACAGCA GGCTAGCTACAACGA ATTGACAC	32001
169	10861	CCUGACCU A CAGCUUCA	7402	TGAAGCTG GGCTAGCTACAACGA AGGTCAGG	32002
253	10777	ACACCAUU A CCGGGGCU	7422	AGCCCCGG GGCTAGCTACAACGA AATGGTGT	32003
316	10714	GGGGCACU A UCGCAGAC	7433	GTCTGCGA GGCTAGCTACAACGA AGTGCCCC	32004
381	10649	UUGAAGUU A CAACAUGU	7444	ACATGTTG GGCTAGCTACAACGA AACTTCAA	32005
423	10607	GAGGGCUU A CAUGGAUC	7452	GATCCATG GGCTAGCTACAACGA AAGCCCTC	32006
489	10541	CACCGUCU A CUCAACUU	7465	AAGTTGAG GGCTAGCTACAACGA AGACGGTG	32007
549	10481	UCUUAACU A UUUACACU	7482	AGTGTAAA GGCTAGCTACAACGA AGTTAAGA	32008
553	10477	AACUAUUU A CACUAACA	7485	TGTTAGTG GGCTAGCTACAACGA AAATAGTT	32009
571	10459	CACUAAAU A CUACUAUA	7488	TATAGTAG GGCTAGCTACAACGA ATTTAGTG	32010
574	10456	UAAAUACU A CUAUAAAA	7489	TTTTATAG GGCTAGCTACAACGA AGTATTTA	32011
577	10453	AUACUACU A UAAAACUA	7490	TAGTTTTA GGCTAGCTACAACGA AGTAGTAT	32012
585	10445	AUAAAACU A CACUUUUA	7492	TAAAAGTG GGCTAGCTACAACGA AGTTTTAT	32013
593	10437	ACACUUUU A UGCAUACU	7496	AGTATGCA GGCTAGCTACAACGA AAAAGTGT	32014
599	10431	UUAUGCAU A CUUAUAUU	7497	AATATAAG GGCTAGCTACAACGA ATGCATAA	32015
603	10427	GCAUACUU A UAUUGUCU	7499	AGACAATA GGCTAGCTACAACGA AAGTATGC	32016
605	10425	AUACUUAU A UUGUCUAU	7500	ATAGACAA GGCTAGCTACAACGA ATAAGTAT	32017
612	10418	UAUUGUCU A UUUACAAU	7503	ATTGTAAA GGCTAGCTACAACGA AGACAATA	32018
616	10414	GUCUAUUU A CAAUUGAU	7506	ATCAATTG GGCTAGCTACAACGA AAATAGAC	32019
630	10400	GAUUAAAU A UCUACAGU	7510	ACTGTAGA GGCTAGCTACAACGA ATTTAATC	32020
634	10396	AAAUAUCU A CAGUACUG	7512	CAGTACTG GGCTAGCTACAACGA AGATATTT	32021
639	10391	UCUACAGU A CUGUGUCC	7513	GGACACAG GGCTAGCTACAACGA ACTGTAGA	32022
670	10360	GUCUUCAU A UCUCUUUA	7520	TAAAGAGA GGCTAGCTACAACGA ATGAAGAC	32023
700	10330	AUCCACAU A CUUCUCAU	7529	ATGAGAAG GGCTAGCTACAACGA ATGTGGAT	32024
823	10207	UCCUGAAU A UGGGACGU	7555	ACGTCCCA GGCTAGCTACAACGA ATTCAGGA	32025
882	10148	UCUCCUCU A UCCAAACA	7575	TGTTTGGA GGCTAGCTACAACGA AGAGGAGA	32026
1039	9991	GUGGAAGU A CAGAAGCA	7600	TGCTTCTG GGCTAGCTACAACGA ACTTCCAC	32027
1116	9914	CUGGAGAU A UGCGAGCU	7609	AGCTCGCA GGCTAGCTACAACGA ATCTCCAG	32028
1131	9899	CUCUGCCU A CCAAUUCA	7611	TGAATTGG GGCTAGCTACAACGA AGGCAGAG	32029
1234	9796	CCAAUCAU A CCAUCCAG	7631	CTGGATGG GGCTAGCTACAACGA ATGATTGG	32030
1335	9695	GGGGCUUU A CCACACAG	7650	CTGTGTGG GGCTAGCTACAACGA AAAGCCCC	32031
2145	8885	CCUUUCUU A UGAAUUCC	7816	GGAATTCA GGCTAGCTACAACGA AAGAAAGG	32032
2230	8800	GAGCACGU A CUUCACUC	7833	GAGTGAAG GGCTAGCTACAACGA ACGTGCTC	32033
2444	8586	CAGGUUCU A UAUGGGUG	7872	CACCCATA GGCTAGCTACAACGA AGAACCTG	32033
2446	8584	GGUUCUAU A UGGGUGGU	7873	ACCACCA GGCTAGCTACAACGA ATAGAACC	32035
2482	8548	CGAACUGU A CUCACGCC	7879	GGCGTGAG GGCTAGCTACAACGA ACAGTTCG	32036
2519	8511	UUGAUUUU A CUGGUGUC	7891	GACACCAG GGCTAGCTACAACGA AAAATCAA	32036
2577	8453	CCAAGUUU A CAUCUUCC	7904	GGAAGATG GGCTAGCTACAACGA AAACTTGG	32037
2590	8440	UUCCUCGU A UUGGGGUC	7909	GACCCCAA GGCTAGCTACAACGA ACGAGGAA	32039
					-
2648	8382 8369	CUGGUCAU A UUCACUGA CUGAAUGU A CCACAUUG	7927	TCAGTGAA GGCTAGCTACAACGA ATGACCAG CAATGTGG GGCTAGCTACAACGA ACATTCAG	32040
2692	8338	CACCCAAU A CAUCUCGU	7934	ACGAGATG GGCTAGCTACAACGA ACATTCAG ACGAGATG GGCTAGCTACAACGA ATTGGGTG	32041
		CCCCCAU A CCGGCGUU			32042
2746	8284	UCUUCUCU A UGACUUUC	7943	AACGCCGG GGCTAGCTACAACGA ATGGGGGG	
2775	8255		7950	GAAAGTCA GGCTAGCTACAACGA AGAGAAGA	32044
2873	8157	AUCGUCCU A UGCUCUUC	7968	GAAGAGCA GGCTAGCTACAACGA AGGACGAT	32045
3043	7987	CUUUGUGU A CCCUCUGA	8000	TCAGAGGG GGCTAGCTACAACGA ACACAAAG	32046
3080	7950	GUUGCCAU A UAGUAACA	8012	TGTTACTA GGCTAGCTACAACGA ATGGCAAC	32047
3271	7759	UUUGCGGU A CCUAGUGA	8052	TCACTAGG GGCTAGCTACAACGA ACCGCAAA	32048
3381	7649	UGUUCUUU A UGAGUGUC	8092	GACACTCA GGCTAGCTACAACGA AAAGAACA	32049
3396	7634	UCCAUGUU A UGGAUAGA	8095	TCTATCCA GGCTAGCTACAACGA AACATGGA	32050
3531	7499	CUUCUCGU A CUGUCUUC	8114	GAAGACAG GGCTAGCTACAACGA ACGAGAAG	32051
3555	7475	GGUUCACU A CUACUGCA	8120	TGCAGTAG GGCTAGCTACAACGA AGTGAACC	32052
3558	7472	UCACUACU A CUGCAGCU	8121	AGCTGCAG GGCTAGCTACAACGA AGTAGTGA	32053
3666	7364	CAUCCACU A CAGCGUUC	8137	GAACGCTG GGCTAGCTACAACGA AGTGGATG	32054
3780	7250	CCGCUGUU A CCGUAACG	8152	CGTTACGG GGCTAGCTACAACGA AACAGCGG	32055
3900	7130	GAACGUUU A UUGAGGUC	8165	GACCTCAA GGCTAGCTACAACGA AAACGTTC	32056
3982	7048	CACAGCGU A CAGUGACC	8177	GGTCACTG GGCTAGCTACAACGA ACGCTGTG	32057
4077	6953	AACUGCUU A UGUCACUC	8193	GAGTGACA GGCTAGCTACAACGA AAGCAGTT	32058

1995 1996	***	02/00803/				
1.000 1.00	4094	6936	UUGGUCUU A UCUAGCCA	8199	TGGCTAGA GGCTAGCTACAACGA AAGACCAA	32059
\$480 6568 GARAGARU A CUICCAUM \$241 CATROGRAD GRETAGETRACAGUA ATTECTIC \$2061 4880 6550 CACAGUT O GEORGE A CACCATT GRETAGETRACAGUA ACTIFOTO 32063 4856 6476 UGARGECEU A LUCIGAGAA 8277 TETECAGA GRETAGETRACAGUA ACOTTGON 32063 4851 6415 AUCCAGUA ACCAGUT GRETAGETRACAGUA ACOTTGON 32063 4415 6415 AUCCAGUA ACCAGUA 8289 CACAGUAT GRETAGETRACAGUA ACCAGUAC 32065 4417 6283 GUCQUEGU A UGACACUC 8340 ACAGUATCA GRETAGETRACAGUA ACCAGUAC 32065 4869 6181 GAGCEGO A UUCCCCCU 8340 ACAGUATCA GRETAGETRACAGUA ACCAGUAC 32065 4869 6181 GAGCEGUT AUCCAGUAC 8340 ACAGUATCA GRETAGETRACAGUA ACCAGUA 32067 4867 6183 CAUGUATUA ACCULUUCA 8346 GARAGATA GETTAGETRACAGUA ACCAGUA 32067 4867 6183 CAUGUATUA ACCULUUCA 8346 GARAGATA GETTAGETRACAGUA ACCAGUA 32067 6028 ANDACAGUT ACCAGUAC 8374 GARAGAGTA GETTAGETRACAGUA ACCAGUA 32069 6028 ANDACAGUT ACCAGUAC 8374 GARAGAGTA GETTAGETRACAGUA ACCAGUA 32073 6028 6028 ANDACAGUA ACCAGUAC 8374 GARAGAGTA GETTAGETRACAGUA AGUANATCC 32071 6028 6028 6028 ANDACAGUA ACCAGUAC 8374 6028	4323	6707	CCAAACCU A UCUUUCCA	8234	TGGAAAGA GGCTAGCTACAACGA AGGTTTGG	32060
4550 6550 CACAACGU A CUIDGUGU 2644 ACACCATO GOCTAGCTACAAGGA ACGTTCTO 32062 4655 6415 ANTOCSAGU A CACCUDG 8289 CAGGGTG GOCTAGCTACAAGGA ACTGCGAT 32064 4747 6283 GICCIGUGU A URACCCUD 8319 AGATOTTCA GOCTAGCTACAAGGA ACCAGGAC 32064 4747 6283 GICCIGUGU A URACCCUD 8314 AGATOTTCA GOCTAGCTACAAGGA ACCAGGAC 32064 4747 6283 GICCIGUGU A URACCCUD 8346 AGATOTTCA GOCTAGCTACAAGGA ACCAGGAC 32064 4885 6165 UCCAUGUGU A URACCCUD 8345 AGATOTTCA GOCTAGCTACAAGGA ACCAGGAC 32066 4885 6165 UCCAUGUGU A URACCCUD 8345 AGATOTTCA GOCTAGCTACAAGGA ACCAGGAC 32066 4885 6165 UCCAUGUGU A URACCCUD 8345 AGATOTTCA GOCTAGCTACAAGGA ACCAGGAC 32068 6896 6161 UDGUGURUA A CUUCUCU 8345 AGANAGTA GOCTAGCTACAAGGA ACTAGCAC 32068 6000 GGAUUUCU A CAGAUACG 8381 CTAGACGAC 6000 6000 GGAUUUCU A CAGAUACG 8381 CTAGACGAC 6000 6000 GGAUUUCU A CAGAUACG 8381 CTAGACGAC 6000 6000 GGAUUUCU A CAGAUACG 8382 CTAGACGACAGAGA ACGAGACA 32071 5315 5915 CUUCUGUU A URAUGUGU 8417 AGACAACG GOCTAGCTACAAGGA ACGAGACA 32071 53265 5805 UUCUGUU A CAUUUGUGU 8417 AGACAACG GOCTAGCTACAAGGA ACGAGACA 32071 5225 5805 UUCUGUU A CAUUUGUGU 8417 AGACAACG GOCTAGCTACAAGGA ACGAGACA 32071 5226 5226 5794 UUUUGUGU A CAUUUGUGU 8417 AGACAACG GOCTAGCTACAAGGA ACGAGAGA 32075 5224 5792 UUUUGUGU A CAUUUGUGU 8417 AGACAACG GOCTAGCTACAAGGA ACGAGAGA 32075 5224 5792 UUUUGUGU A CUUCUUU 8412 AGACAACG GOCTAGCTACAAGGA ACGAGAGA 32075 5224 5792 AUUGAGAU A CUUCUUU 8412 AGACAACG GOCTAGCTACAAGGA ACGAGAGA 32075			GGAAGAAU A CUCCCAUG	8241	CATGGGAG GGCTAGCTACAACGA ATTCTTCC	32061
1556 1576 1036CCCU I NUCIGIGIAN 2977 TYTCTCAIR GGCTAGCTACAGGA AGGGCTCA 3269 1611 1615 NUCCGAIR ACCAGGAT 3267 1626GCGTA 3267 1626GCTA 3267	ļ			8264	ACACCATG GGCTAGCTACAACGA ACGTTGTG	32062
615 6415 AUCCESARU A CACCUUGE 8289 CCAGGUTG GETTACCTACANCRA ACTOCGAN 22065 4747 6283 GUIGUIGUI A URUACCUU 8314 ANGGGRA, GCCTAGCTACANCRA, ACCAGGA 22065 6181 GARCEGGU A URUCCCAU 8344 ANGGRAN, GCCTAGCTACANCRA, ACCAGGA 22065 6185 UCCAUGUI A URUACCUU 8344 ANGGRAN, GCCTAGCTACANCRA, ACCAGGA 22065 64865 6161 UGGULUAUA A CCUDICUCA 8344 ANGGRAN, GGCTAGCTACANCRA, ACCAGGA 22065 64866 6161 UGGULUAUA A CCUDICUCA 8346 TGAGAGAG GGCTAGCTACANCRA, ACCAGGA 22065 AUAAACAGU A CUCAUCAC 8374 TGAGAGAG GGCTAGCTACANCRA, ACTATACCA 32065 6000 GGAUUUCU A CCABUACC 8374 TGAGAGAG GGCTAGCTACANCRA, ACTATACCA 32055 6000 GGAUUUCU A CCABUACC 8386 TGAGAGAG GGCTAGCTACANCRA, ACTATACCA 32055 6300 6000 GGAUUUCU A CCABUACC 8386 COTGAGCA GCCTACANCRA, ACGARATAC 32071 75036 5394 CULCUGUI A CUAUCCAC 8382 COTGAGCA GCCTACANCRA, ACGARATAC 32071 7515						32063
1477 6.285 GUGGUGGU A UNGACAGUC 8319 ANATSTOA GGCTAGCTACAAGGA ACCAGAC 22066 4865 6165 UCCAUGGU A UNDACCUU 8344 ANAGSTAN GGCTAGCTACAAGGA ACCAGAC 22066 4867 6163 CAUGGUGU A UNDACCUU 8345 ANAGSTAN GGCTAGCTACAAGGA ACCAGGAC 22066 4867 6163 CAUGGUGU A UNCACUCU 8345 AGARGSTA GGCTAGCTACAAGGA ATATACCA 32069 65002 6028 ANDACAGU A CUCAUCAC 8346 TGAGAAGG GGCTAGCTACAAGGA ATATACCA 32069 5000 6600 GGAJUUCU A CCAGAUAGC 8374 GTGATAGG GGCTAGCTACAAGGA ATATACCA 32069 5030 6000 GGAJUUCU A CCAGAUAGC 8374 GTGATAGG GGCTAGCTACAAGGA ATATACCA 32071 5030 6000 GGAJUUCU A CCAGAUAGG 8382 COTTAGGAG GGCTAGCTACAAGGA ATATACCA 32071 5030 6000 GGAJUUCU A CAUGUGU 8040						
1819 6181						
1855 6165	4747	6283				
1867 6163	4849	6181				
1959 5151	4865	6165	UCCAUGGU A UAUACCUU	8344	AAGGTATA GGCTAGCTACAACGA ACCATGGA	
1902 1902 NURACASU A CUCAUCAC 8374 GRANTAGO GGCTAGCTACAACCA ACTSTYNT 22070 1903 1900	4867	6163	CAUGGUAU A UACCUUCU	8345	AGAAGGTA GGCTAGCTACAACGA ATACCATG	32068
\$6026 6028 AUJANCAGU A CUCAUCAC 8374 GRANTARG GRCTARCCHACGA AGANATCC 22071	4869	6161	UGGUAUAU A CCUUCUCA	8346	TGAGAAGG GGCTAGCTACAACGA ATATACCA	32069
			AUAACAGU A CUCAUCAC	8374	GTGATGAG GGCTAGCTACAACGA ACTGTTAT	32070
S936 S994				8381	CGTATCGG GGCTAGCTACAACGA AGAAATCC	32071
S915						32072
S843						
S236 S794						
\$788 \$782 CGUCUGU A CURUCUUU 8432 AAAGARG GGCTAGCTACACGA ACGAGACG 32077 5759 AUUGGACU A CUUUCUUU 8442 AAAGAAG GGCTAGCTACAACGA AGTCCAAT 32078 5356 \$674 CCCGGUGU A UUCUGUGA 8461 TCACAGAA GGCTAGCTACAACGA AGTCCAAT 32078 5374 \$5656 CCAUUCGU A UCUGUGA 8461 TCACAGAA GGCTAGCTACAACGA ACACCGGG 32079 5374 \$5656 CCAUUCGU A UCUCUGUGA 8467 ACTCTGGA GGCTAGCTACAACGA ACGAATGG 32081 5549 UCRUGAAU A UGUCUCU 8511 AGAGAACG GGCTAGCTACAACGA ACGAATGG 32081 5563 \$5367 UUUCCAUU A UGUCUCU 8511 AGAGAACA GGCTAGCTACAACGA ACCAGACA 32081 5592 5338 UGUCUGGU A CGGGAUGG 8514 CCATCCGG GGCTAGCTACAACGA ACCAGACA 32082 5592 5338 UGUCUGGU A CGGGACGC 8545 GCCGCGG GGCTAGCTACAACGA ACCAGACA 32083 5591 5249 UUCUGUUU A UGGCCUCU 8534 AGAGCCA GGCTAGCTACAACGA AAACAGAA 32084 5222 5208 CUUGUUUU A CGGGGCC 8545 GGCGCGG GGCTAGCTACAACGA AAACAGAA 32084 5225 5105 CCUIGCACU A UGGCGUCU 8568 AAGCGCCA GGCTAGCTACAACGA AAACAGAA 32087 5334 5096 UGGCGCUU A UGGAGCUU 8568 AAGCGCA GGCTAGCTACAACGA AAACAGAA 32087 5334 5092 GCUULAUGU A UGGACCUC 8572 ACGCCCA GGCTAGCTACAACGA AAACAGAA 32087 5334 5092 GCUULAUGU A UGGACCUC AB572 ACGCCCA GGCTAGCTACACGA AAACAGAA 32087 5334 5092 GCUULAUGU A UGGACCUC AB572 ACGCCCA GGCTAGCTACACGA AAACAGAA 32089 5395 5075 UGGCCAUU A UGGAUCCA 8571 CTCATACA GGCTAGCTACACGA AAACACCA 32089 6303 5027 UGUCCACU A UGGAUGCA 8572 ACGCCCA GGCTAGCTACACGA AAACACA 32091 6306 4764 UUUGUUGU A UGCAUACA 8651 TCACACA GGCTAGCTACACGA AACACAA 32092 6366 4764 UUUGUUGU A UCCAUAA 8658 CAAACGA GGCTAGCTACACGA ACAAAAA 32094 6362 4688 CUUUUGUA A UCCAUACA 8651 ATATTTGGA GGCTAGCTACACGA ACAAAAA 32094 6362 45648 CUUUUGUA AUCCAUACA 8651 ATATTTGGA GGCTAGCTACACGA ACAAAAA 32095 6441 4546 GGGGGUU A CCCACAA 8656 CTCACCAA GGCTAG	5225	5805				
\$271 \$759	5236	5794				
	5248	5782	CGUCUCGU A CGACUUUC	8435	GAAAGTCG GGCTAGCTACAACGA ACGAGACG	32077
S374 S655 CCAUUCGU A UUCAGARGU 8467 ACTCTOGA GGCTAGCTACAACGA ACGAATGG 32080	5271	5759	AUUGGACU A CUUUCUUU	8442	AAAGAAAG GGCTAGCTACAACGA AGTCCAAT	32078
5374 5656	5356	5674	CCCGGUGU A UUCUGUGA	8461	TCACAGAA GGCTAGCTACAACGA ACACCGGG	32079
5481 5549				8467	ACTCTGGA GGCTAGCTACAACGA ACGAATGG	32080
\$5663 \$5367					GGCGGCAA GGCTAGCTACAACGA ATTCATGA	32081
5692 5338 UGUCUGU A CCGGAUGG 8516 CCATCCGG GGCTAGCTACAACGA ACCAGACA 32083 5781 5249 UUCUGUUU A UGGCCUCU 8534 AGAGGCA GGCTAGCTACAACGA AAACAGAA 32084 5781 5249 UUCUGUUU A CCGGCGCC 8545 GGGCCGG GGCTAGCTACAACGA AAACAGAA 32085 5847 5183 GAUCCAGU A CAGUGAUC 8547 GATCACTG GGCTAGCTACAACGA AAACAGAA 32085 5255 5105 CCUGCACU A UGAGGCUU 8547 GATCACTG GGCTAGCTACAACGA AACAGAA 32085 5935 5096 UGGGGCUU A UGUAGGGG 8571 CTCATACA GGCTAGGTACAACGA AAGCGCG 32088 5936 5092 GCUUNUGU A UGAGCCGU 8572 ACGGCCA GCTAGCTAACGA AAGCGCG 32088 5938 5092 GCUUNUGU A UGACCCGU 8575 TGGAGTCA GGCTAGCTACACGA AAGCCCG 32089 5955 5075 UGGCACUU A UGGUGAG 8571 TGGAGTCA GGCTAGCTACACGA AACGCCA 32090 6217 4813 GCCCCAGU A UGGUGAG 8575 TGGAGTCA GGCTAGCTACACGA AATGCCCA 32090 6217 4813 GCCCCAGU A UGGGUAGA 8642 CTTTGCA GGCTAGCTACACGA AATGCCCA 32092 6266 4764 UUUGUUGU A UGCCAAAG 8642 CTTTGCA GGCTAGCTACACGA ACACAAA 32093 6364 4660 CUUUUUGU A UCCCAAAG 8658 CTCTCCAA GGCTAGCTACACGA ACACAAAA 32093 6448 CUUUUUGU A UCCCAAAG 8658 CTCTCCAA GGCTAGCTACACGA ACACAAAA 32094 6446 CUUUUUGU A UCCCAAAG 8658 CTCTCCAA GGCTAGCTACACGA ACACAAAA 32095 6444 4546 GGGGGUU A UCCAAAAU 8671 ATTTTGGA GCCTAGCTACACGA ACACAAAA 32095 6456 4574 AUCCAACU A UCUAGGGG 8674 GCCCTCAG GCCTAGCTACACGA ACACAAAA 32097 6484 4546 GGGGGUU A UCCAAAAU 8671 ATTTTGGA GCCTAGCTACACGA ACACCAAC 32098 6522 4508 GCAUCAAU A UCUAUCAA 8672 TTGAACAG GCCTAGCTACAACGA ACTCCCC 32098 6522 4508 GCAUCAAU A UCUAUCAA 8676 TTAGTGCG GCCTAGCTACAACGA ACTCCCC 32098 6597 4371 AUCCAACU A UCUAGCAC 8771 GTAACAGG GCCTAGCTACACGA ACCCCCC 32098 6598 4045 UAUCCUCUU A CCGUUU A CCACUAA 8676 TTAGTGCG GCCTAGCTACAACGA ACCCCCC 32098 6598 4045 UAUCCUCU A CCUAGAGGC 8771 GTAACAGG GCCTAGCTACAACGA ACCCCCC 32098 6598 4045 UAUCCUCU A CCCACCC 8771 GTAAC						
5781 5249 UUCUGUUU A UGGCCUCU 8534 AGAGGCCA GGCTAGCTACAAGA AAACAGA 32084 5822 5208 CUUGUUUU A CGGGCGCC 8545 GGGCCGG GGCTAGCTACAAGA AAACAGA 32085 5847 5183 GAUCCAGU A CAGUGAUC 8547 GATCACTG GGCTAGCTACAACGA ACTGGATC 32086 5925 5105 CCUGCACU A UGGCGCUU 8568 AAGCGCGA GGCTAGCTACAACGA AGTGCAGG 32087 5934 5096 UCGCGCUU A UGAUCAGA 8571 CTCATACA GGCTAGCTACAACGA AGTGCAGA 32088 5938 5092 GCUUAUGU A UGACUCCA 8575 TGGACTCAGA ACATAGA 22090 6003 5027 UGUCCACU A UUGGUCCA 8575 TGGACCAG GGCTAGCTACAACGA ACACAAA 32091 6217 4813 GCCCAGU A UGGUCCA 8631 TGGACCAG GGCTAGCTACAACGA ACACAAA 32092 6382 4648 CUUUUUGU A UGCCAAGA 8642 CTTTGGCA GGCTAGCTACAACGA ACACAAA 32093 6382 4648 CUUUUUGU A UCCAAAG 8651 ATTTTGGA GGCTAGCTACAAGA ACACAAA 32096 6441 4589 GGAGAGUU A UCCAAAAU 8671						
S822 S208						
S847 S183						
5925 5105 CCUGGACU A UGCAGCUU 8568 AAGCGCGA GGCTAGCTACAACGA AGTGCAGG 32087	5822					
	5847	5183				
5938 5092 GCUNAUGU A UGAGCIGU 8572 ACGGCTCA GGCTAGCTACAACGA ACATAAGC 32089 5955 5075 UGGCCAUU A UGAGUICCA 8575 TGGAGTCA GGCTAGCTACAACGA AATGCCCCA 32090 6003 5027 UGUCCACU A UUGGUGAG 8586 CTCACCAA GGCTAGCTACAACGA AATGCCCCA 32090 6217 4813 GCCCCAGU A UGGGUCCA 8631 TGGACCA GGCTAGCTACAACGA AGTGGGCC 32092 6266 4764 UUUGUUGU A UUGCAAAG 8642 CTTTGGCA GGCTAGCTACAACGA ACACAAAA 32093 6382 4648 CUUUUUGU A CUCCUUU 8658 CTCTCCAA GGCTAGCTACAACGA ACAACAAA 32094 6430 CUUUUGU A UUGGAGAG 8668 CTCTCCAA GGCTAGCTACAACGA ACAACAAA 32094 6441 4589 GGAGAGUU A UUCAAAAU 8671 ATTTTGGA GGCTAGCTACAACGA ACACAAAA 32096 6454 4546 GGGGGUGU A CCCACUAA 8674 GCCTCAG GGCTAGCTACAACGA ACACACAC 32096 6456 4574 AUCCAACU A CUGAGGGC 8674 GCCTCAG GGCTAGCTACAACGA ACACCACC 32096 6522 4508 GCAUCCAU A CUGAUGGC 8674 CCCTCAG GGCTAGCTACAACGA ACTCTCC 32096 6522 4508 GCAUCCAU A UUCUCCAA 8662 TTGGAAGA GGCTAGCTACAACGA ACTCTCC 32099 6659 4371 AUCCACAU A UUGUUGA 8662 TTGGAAGA GGCTAGCTACAACGA ATGTGGAT 32100 6818 4212 CCCGCGUUU A CGGUUGGG 8740 CCCAACCG GGCTAGCTACAACGA ATGTGGAT 32101 6957 4073 AGCUGCCU A UUCCGACC 8771 GTACAGGA GGCTAGCTACAACGA ACTGCTGT 32101 6957 4073 AGCUGCCU A UUCCGACC 8771 GTACAGGA GGCTAGCTACAACGA ACTGCTGT 32102 6965 4045 UAUCCUGU A CACAUCCA 8773 TGGATGTG GGCTAGCTACAACGA ACTGCTGT 32102 6965 4045 UAUCCUGU A CACAUCCA 8773 TGGATGTG GGCTAGCTACAACGA ACTGCTGT 32103 7068 3950 CUCUCAGU A UCUUGAAG 8771 GTACAGGA GGCTAGCTACAACGA ACTGCTGT 32103 7068 3950 CUCUCAGU A UCUUCCAA 8793 TGGATGTG GGCTAGCTACAACGA ACCACCG 32104 7068 3962 UAAAUGUU A UGAUCCAA 8793 ACTGGGG GGCTAGCTACAACGA ACACACA 32105 7092 3938 UCCAAGCU A CCGCCAGU 8793 ACTGGGG GGCTAGCTACAACGA ACACACA 32107 7056 3962 UCAAGGUU A UCAUCCAA 8865 GCTAGCTACAACGA ACACACA 32107 7056 3962 UCAAGGUU A UCAACA	5925	5105	CCUGCACU A UCGCGCUU	8568		
S955 5075	5934	5096	UCGCGCUU A UGUAUGAG	8571	CTCATACA GGCTAGCTACAACGA AAGCGCGA	32088
SO27	5938	5092	GCUUAUGU A UGAGCCGU	8572	ACGGCTCA GGCTAGCTACAACGA ACATAAGC	32089
6217 4813 GCCCCAGU A UGGGUCCA 8631 TGGACCCA GGCTAGCTACAACGA ACTGGGGC 32092 6266 4764 UUUGUUGU A UGCCAAAG 8642 CTTTGGCA GGCTAGCTACAACGA ACACAAAA 32093 6382 4648 CUUUUUGU A CUCCUUUG 8658 CAAAGGAG GGCTAGCTACAACGA ACACAAAA 32094 6430 4600 CUUUGUGU A UUGGAGAG 8668 CTCTCCAA GGCTAGCTACAACGA ACACAAAA 32095 6441 4589 GGAGAGUU A UCCAAAAU 8671 ATTTTGGA GGCTAGCTACAACGA ACACAAAA 32095 6441 4589 GGAGAGUU A UCCAAAAU 8671 ATTTTGGA GGCTAGCTACAACGA ACACCAACG ACCACAAAC 32096 6456 4574 AUCCACCU A CUGAGGGC 8674 GCCCCCAG GGCTAGCTACAACGA ACTCTCC 32096 6484 4546 GGGGGUU A CGCACUAA 8676 TTAGTGGG GGCTAGCTACAACGA ACCCCC 32098 6522 4508 GCAUCCAU A UCUUCCAA 8682 TTGGAAGA GGCTAGCTACAACGA ACCCCC 32098 6659 4371 AUCCACAU A UCUUCCAA 8682 TTGGAAGA GGCTAGCTACAACGA ATGTGGAT 32100 6818 4212 CCGCGUUU A CGGUUGGG 8740 CCCAACCG GGCTAGCTACAACGA ATGTGGAT 32100 6957 4073 AGCUGCCU A UUCCGACC 8767 GGTCGGAA GGCTAGCTACAACGA AGGCAGCT 32102 6958 4045 UAUCCGAC 8767 GGTCGGAA GGCTAGCTACAACGA ACGCGCG 32102 6958 4045 UAUCCGAC 8771 GTACAGGA GGCTAGCTACAACGA ACGCGCG 32102 6985 4045 UAUCCGAC 8771 GTACAGGA GGCTAGCTACAACGA ACGGAGCT 32102 7068 3962 UGAAUGUU A CGCUCUC 8767 GAGGAGG GGCTAGCTACAACGA ACAGGAGT 32104 7068 3962 UGAAUGUU A UCCGUCC 8767 GAGGAGG GGCTAGCTACAACGA ACAGGACT 32105 7080 3950 CUCUCAGU A CCCCCACGU 8793 TTGAATGG GGCTAGCTACAACGA ACAGGATA 32106 7092 3938 UCCAAGGC A CCGCCAGU 8793 ACTGGAGG GGCTAGCTACAACGA ACAGGACT 32106 7281 3749 CCAAGUGU A UCCUCGAG 8816 GCCAGCTAGCTACAACGA ACACCAG 32108 7281 3749 CCAAGUGU A UCCUCGAG 8816 GCCAGCTAGCTACAACGA ACACCAG 32108 7395 3635 CAAUCAGU A UACCUCCA 8861 GCCAGCTAG GGCTAGCTACAACGA ACACCAG 32107 7251 3779 CUGGUUGU A UCCUCGAGU 8821 AGACGAG GGCTAGCTACAACGA ACACCAG 32110 7395 3636 AUCCACACA ACCACACA 8866 GCCAGCTAGCTACAACGA ACACCAG 32110 7395 3636 CAAUCAGU A UACCACAC 8866 GCCAGCTAGCTACAACGA ACACCAG 32110 7493 3287 CAAUCAGU A UACACCAU 8846 AATGCTGA GGCTAGCTACAACGA ACACCAG 32111 7502 3528 UCAGCAUU A UAACCAUU 8849 AATGCTGA GGCTAGCTACAACGA ACACCAGTAT 32111 7503 3528 UCAGCAGUU A UACACCAG 8866 GCTGTTGGG GGCTAGCTACAACGA ACACCAGTAT 32111 7503	5955	5075	UGGGCAUU A UGACUCCA	8575	TGGAGTCA GGCTAGCTACAACGA AATGCCCA	32090
6217 4813 GCCCCAGU A UGGGUCCA 8631 TGGACCCA GGCTAGCTACAACGA ACTAGAGC 32092 6266 4764 UUUGUUGU A UGCCAAAG 8642 CTTTGGCA GGCTAGCTACAACGA ACAACAAA 32093 6382 4648 CUUUUUGU A CUCCUUUG 8658 CAAAGGA GGCTAGCTACAACGA ACAAAAAA 32094 6430 4600 CUUUGUGU A UGGAGAG 8668 CTCTCCAA GGCTAGCTACAACGA ACACAAAA 32095 6441 4589 GGAGAGUU A UCCAACAA 8671 ATTTTGGA GGCTAGCTACAACGA ACCACCAC 32096 6456 4574 AUCCACU A CUGAGGC 8676 CCCTCAG GGCTAGCTACAACGA ACACCCCC 32096 6484 4546 GGGGGUGU A CCGACUAA 8676 TTAGTGCG GGCTAGCTACAACGA ACACCCCC 32098 6552 4508 GCAUCCAU A UCUGCAA 8676 TTAGAGAG GGCTAGCTACAACGA ACACCCCC 32099 6618 4212 CCGCGUUU A CGGUUGG 8716 TCAACAGA GGCTAGCTACAACGA ATGTGGAT 32100 6978 4073 ACACGAGU A UCCGUCC 8767 GGTCGGAA GGCTAGCTACAACGA AGGCAGCT 32101 6978 4052 ACAGAGGU A UCCGUCCA	6003	5027	UGUCCACU A UUGGUGAG	8586	CTCACCAA GGCTAGCTACAACGA AGTGGACA	32091
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6382 4648 CUUUUGU A CUCCUUUG 8658 CAAAGGAG GGCTAGCTACAACGA ACAAAAG 32094 6430 4600 CUUUGUGU A UUGGAGAG 8668 CTCTCCAA GGCTAGCTACAACGA ACACAAAG 32095 6441 4589 GGAAGGUU A UCCAAAAU 8671 ATTTTGA GGCTAGCTACAACGA ACACAAAG 32096 6456 4574 AUCCAACU A CUGAGGGC 8674 GCCTCAG GGCTAGCTACAACGA ACTCTCC 32096 6484 4546 GGGGGUGU A CGCACUAA 8676 TTAGTGCG GGCTAGCTACAACGA ACTCCCC 32098 6522 4508 GCAUCCAU A UCUUCCAA 8682 TTGGAAGA GGCTAGCTACAACGA ACACCCC 32099 6659 4371 AUCCACAU A UCUGUUGA 8716 TCAACAGA GGCTAGCTACAACGA ATGGATGC 32099 6618 4212 CCGCGUUU A CGGUUGGG 8740 CCCAACAG GGCTAGCTACAACGA ATGTGGAT 32100 6818 4212 CCGCGUUU A CGGUUGGG 8740 CCCAACAG GGCTAGCTACAACGA AACACGC 32101 6978 4052 ACAGCAGU A UCCUGUAC 8771 GTACAGGA GGCTAGCTACAACGA AACACGC 32102 6978 4052 ACAGCAGU A UCCUGUAC 8771 GTACAGGA GGCTAGCTACAACGA ACGCAGCT 32102 6985 4045 UAUCCUGU A CACAUCCA 8773 TGGATGT GGCTAGCTACAACGA ACGGATTA 32104 7068 3962 UGAAUGUU A UGCUCUC 8787 GGAGGCCA GGCTAGCTACAACGA ACACGATTCA 32105 7080 3950 CUCUCAGU A UCAUCCAA 8790 TTGGATGA GGCTAGCTACAACGA ACCATTCA 32105 7092 3938 UCCAAGCU A UCCUGAAG 8879 TTGGATGA GGCTAGCTACAACGA ACCATTCA 32105 7092 3938 UCCAAGCU A CCGCCAGU 8793 ACTGGCGG GGCTAGCTACAACGA ACCATTCA 32107 7251 3779 CUGGUUGU A UCAUCCAA 8790 TTGGATGA GGCTAGCTACAACGA ACCATTGGA 32107 7251 3749 CCAAGUGU A UCAUCCAA 8821 AGACGTGG GGCTAGCTACAACGA ACCATTGGA 32107 7251 3749 CUGGUUGU A UCAUCAAG 8811 CTCAAAGA GGCTAGCTACAACGA ACCATTGGA 32107 7251 3749 CUGGUUGU A UAGCUGC 8821 AGACGTGG GGCTAGCTACAACGA ACACCAG 32109 7395 3635 CAAUCAGU A UAAGCAUU 8821 AGACGTGG GGCTAGCTACAACGA ACACCAG 32109 7395 3635 CAAUCAGU A UAAGCAUU 8821 AGACGTGG GGCTAGCTACAACGA ACACCAG 32109 7395 3635 CAAUCAGU A UAAGCAUU 8846 AATGCTGA GGCTAGCTACAACGA ACACCAG 32110 7493 3537 UCAAUCAU A CAACAGC 8856 GCCAGCTA GGCTAGCTACAACGA ACAGCATCA 32111 7502 3528 UCAGCAUU A UAAGCAUU 8846 AATGCTGA GGCTAGCTACAACGA ACAGCATCA 32111 7570 3460 CAUACCAU A CACACCC 8865 TGGTATGG GGCTAGCTACAACGA ACGAATT 32111 7570 3460 CAUACCAU A CACACACC 8865 TGGTATGG GGCTAGCTACAACGA ACAGAAC 32117 7633 3392 AAUCUGU A CCACGGCCU 8895				8642	CTTTGGCA GGCTAGCTACAACGA ACAACAAA	32093
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6957 4073 AGCUGCCU A UUCCGACC 8767 GGTCGGAA GGCTAGCTACAACGA AGGCAGCT 32102 6978 4052 ACAGCAGU A UCCUGUAC 8771 GTACAGGA GGCTAGCTACAACGA ACTGCTGT 32103 6985 4045 UAUCCUGU A CACAUCCA 8773 TGGATGTG GGCTAGCTACAACGA ACAGGATA 32104 7068 3962 UGAAUGUU A UGGCUCUC 8787 GAGAGCCA GGCTAGCTACAACGA ACATTCA 32105 7080 3950 CUCUCAGU A UCAUCCAA 8790 TTGGATGA GGCTAGCTACAACGA ACCATGAG 32106 7092 3938 UCCAAGCU A CCGCCAGU 8793 ACTGGCGG GGCTAGCTACAACGA ACACCAG 32107 7251 3779 CUGGUUGU A UCUUGAAG 8817 CTTCAAGA GGCTAGCTACAACGA ACACCAG 32108 7281 3749 CCAAGUGU A CACCGUCU 8821 AGACGTGG GGCTAGCTACAACGA ACATTGG 32110 7493 3537 UCAAUCAU A UCAGCAUU 8846 AATGCTGA GGCTAGCAACGA ATGATGA 32111 7502 3528 UCAGCAUU A UCAGCAUU 8849 AATGCTGA GGCTAGCTACAACGA AATGCTGA 32111 7565 3465 AUCUCCAU A CCAUACCA	6659	4371	AUCCACAU A UCUGUUGA	8716	TCAACAGA GGCTAGCTACAACGA ATGTGGAT	32100
6978 4052 ACAGCAGU A UCCUGUAC 8771 GTACAGGA GGCTAGCTACAACGA ACTGCTGT 32103 6985 4045 UAUCCUGU A CACAUCCA 8773 TGGATGTG GGCTAGCTACAACGA ACAGGATA 32104 7068 3962 UGAAUGUU A UGGCUCUC 8787 GAGAGCCA GGCTAGCTACAACGA ACATTCA 32105 7080 3950 CUCUCAGU A UCAUCCAA 8790 TTGGATGA GGCTAGCTACAACGA ACTGAGAG 32106 7092 3938 UCCAAGCU A CCGCCAGU 8793 ACTGGCGG GGCTAGCTACAACGA AGACCAG 32107 7251 3779 CUGGUUGU A UCUUGAAG 8817 CTTCAAGA GGCTAGCTACAACGA ACACCAG 32108 7281 3749 CCAAGUGU A CCACGUCU 8821 AGACGTGG GGCTAGCTACAACGA ACACTTGG 32109 7395 3635 CAAUCAGU A UAGCCAUU 8846 AATGCTGA GGCTAGCTACAACGA ACTGATTG 32110 7493 3537 UCAGCAUU A UAAGCAUU 8846 AATGCTGA GGCTAGCTACAACGA ATGGTAGA 32112 7565 3465 AUCUCCAU A CCAUACCA 8865 TGGTATGG GGCTAGCTACAACGA ATGGTATG 32114 7638 3392 AAUCUGU A CCACAGC	6818	4212	CCGCGUUU A CGGUUGGG	8740	CCCAACCG GGCTAGCTACAACGA AAACGCGG	32101
6978 4052 ACAGCAGU A UCCUGUAC 8771 GTACAGGA GGCTAGCTACAACGA ACTGCTGT 32103 6985 4045 UAUCCUGU A CACAUCCA 8773 TGGATGTG GGCTAGCTACAACGA ACAGGATA 32104 7068 3962 UGAAUGUU A UGGCUCUC 8787 GAGAGCCA GGCTAGCTACAACGA ACATTCA 32105 7080 3950 CUCUCAGU A UCAUCCAA 8790 TTGGATGA GGCTAGCTACAACGA ACTGAGAG 32106 7092 3938 UCCAAGCU A CCGCCAGU 8793 ACTGGCGG GGCTAGCTACAACGA ACTGAGA 32107 7251 3779 CUGGUUGU A UCUUGAAG 8817 CTTCAAGA GGCTAGCTACAACGA ACACCAGG 32108 7281 3749 CCAAGUGU A CCACGUCU 8821 AGACGTGG GGCTAGCTACAACGA ACACTTGG 32109 7395 3635 CAAUCAGU A UAGCCAUU 8846 AATGCTGA GGCTAGCTACAACGA ACTGATTG 32110 7493 3537 UCAACCAU A UAAGCAUU 8846 AATGCTGA GGCTAGCTACAACGA ATGGTGA 32112 7565 3465 AUCUCCAU A CCAUACCA 8865 TGGTATGG GGCTAGCTACAACGA ATGGAGAT 32114 7638 3392 AAUCUGU A CCACGCCU <td><u> </u></td> <td></td> <td>AGCUGCCU A UUCCGACC</td> <td>8767</td> <td>GGTCGGAA GGCTAGCTACAACGA AGGCAGCT</td> <td>32102</td>	<u> </u>		AGCUGCCU A UUCCGACC	8767	GGTCGGAA GGCTAGCTACAACGA AGGCAGCT	32102
6985 4045 UAUCCUGU A CACAUCCA 8773 TGGATGTG GGCTAGCTACAACGA ACAGGATA 32104 7068 3962 UGAAUGUU A UGGCUCUC 8787 GAGAGCCA GGCTAGCTACAACGA AACATTCA 32105 7080 3950 CUCUCAGU A UCAUCCAA 8790 TTGGATGA GGCTAGCTACAACGA ACTGAGAG 32106 7092 3938 UCCAAGCU A CCGCCAGU 8793 ACTGGCGG GGCTAGCTACAACGA AGCTTGGA 32107 7251 3779 CUGGUUGU A UCUUGAAG 8817 CTTCAAGA GGCTAGCTACAACGA ACACCAG 32108 7281 3749 CCAAGUGU A CCACGUCU 8821 AGACGTGG GGCTAGCTACAACGA ACACTTGG 32109 7395 3635 CAAUCAGU A UAGCUGC 8836 GCCAGCTA GGCTAGCTACAACGA ACTGATTG 32110 7493 3537 UCAAUCAU A UAAGCAUU 8846 AATGCTGA GGCTAGCTACAACGA ATGGTGA 32111 7502 3528 UCAGCAUU A UAAGCAU 8849 AATGCTTA GGCTACCAACGA ATGGAGT 32112 7565 3465 AUCUCCAU A CCAACAGC 8865 TGGTATGG GGCTAGCTACAACGA ATGGAGT 32114 7638 3392 AAUCUGU A UCAACUUU				8771	GTACAGGA GGCTAGCTACAACGA ACTGCTGT	32103
7068 3962 UGAAUGUU A UGGCUCUC 8787 GAGAGCCA GGCTAGCTACAACGA AACATTCA 32105 7080 3950 CUCUCAGU A UCAUCCAA 8790 TTGGATGA GGCTAGCTACAACGA ACTGAGAG 32106 7092 3938 UCCAAGCU A CCGCCAGU 8793 ACTGGCGG GGCTAGCTACAACGA AGCTTGGA 32107 7251 3779 CUGGUUGU A UCUUGAAG 8817 CTTCAAGA GGCTAGCTACAACGA ACACCAG 32108 7281 3749 CCAAGUGU A CCACGUCU 8821 AGACGTGG GGCTAGCTACAACGA ACACTTGG 32109 7395 3635 CAAUCAGU A UAGCUGC 8836 GCCAGCTA GGCTACAACGA ACACTTGG 32110 7493 3537 UCAAUCAU A UAAGCAUU 8846 AATGCTTA GGCTACAACGA ATGATTGA 32111 7502 3528 UCAGCAUU A UAAGCAUU 8849 AATGCTTA GGCTACAACGA ATGGATT 32112 7565 3465 AUCUCCAU A CCAUACCA 8865 TGGTATGG GGCTAGCTACAACGA ATGGATT 32113 7570 3460 CAUACCAU A CCAACAGC 8866 GCTGTTGG GGCTAGCTACAACGA ACAGATT 32114 7638 3392 AA						32104
7080 3950 CUCUCAGU A UCAUCCAA 8790 TTGGATGA GGCTAGCTACAACGA ACTGAGAG 32106 7092 3938 UCCAAGCU A CCGCCAGU 8793 ACTGGCGG GGCTAGCTACAACGA AGCTTGGA 32107 7251 3779 CUGGUUGU A UCUUGAAG 8817 CTTCAAGA GGCTAGCTACAACGA ACAACCAG 32108 7281 3749 CCAAGUGU A CCACGUCU 8821 AGACGTGG GGCTAGCTACAACGA ACACTTGG 32109 7395 3635 CAAUCAGU A UAGCUGC 8836 GCCAGCTA GGCTAGCTACAACGA ACACTTAGG 32110 7493 3537 UCAAUCAU A UAGCAUU 8846 AATGCTGA GGCTAGCTACAACGA ATGATTGA 32111 7502 3528 UCAGCAUU A UAAGCAUU 8849 AATGCTTA GGCTAGCTACAACGA ATGATTGA 32112 7565 3465 AUCUCCAU A CCAUACCA 8865 TGGTATGG GGCTAGCTACAACGA ATGGATTG 32113 7570 3460 CAUACCAU A CCAACAGC 8866 GCTGTTGG GGCTAGCTACAACGA ACAGATT 32114 7638 3392 AAUCUGU A UCAACUUU 8875 AAAGTTGA GGCTAGCTACAACGA ACAGATT 32115 7743 3287 CAAUCUCU A CCCGGCCU <td></td> <td></td> <td><u> </u></td> <td></td> <td></td> <td></td>			<u> </u>			
7092 3938 UCCAAGCU A CCGCCAGU 8793 ACTGGCGG GGCTAGCTACAACGA AGCTTGGA 32107 7251 3779 CUGGUUGU A UCUUGAAG 8817 CTTCAAGA GGCTAGCTACAACGA ACAACCAG 32108 7281 3749 CCAAGUGU A CCACGUCU 8821 AGACGTGG GGCTAGCTACAACGA ACACTTGG 32109 7395 3635 CAAUCAGU A UAGCUGC 8836 GCCAGCTA GGCTAGCTACAACGA ACTGATTG 32110 7493 3537 UCAAUCAU A UCAGCAUU 8846 AATGCTGA GGCTAGCTACAACGA ATGATTGA 32111 7502 3528 UCAGCAUU A UAAGCAUU 8849 AATGCTTA GGCTAGCTACAACGA ATGATTGA 32112 7565 3465 AUCUCCAU A CCAUACCA 8865 TGGTATGG GGCTAGCTACAACGA ATGGAGAT 32113 7570 3460 CAUACCAU A CCAACAGC 8866 GCTGTTGG GGCTAGCTACAACGA ATGGTATG 32114 7638 3392 AAUCUGU A UCAACUUU 8875 AAAGTTGA GGCTAGCTACAACGA ACAGATT 32115 7743 3287 CAAUCUCU A CCCGGCCU 8895 AGGCCGGG GGCTAGCTACAACGA ACAAGACA 32116 7833 3197 UGACUGGU A UUAUCAAG <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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7395 3635 CAAUCAGU A UAGCUGGC 8836 GCCAGCTA GGCTAGCTACAACGA ACTGATTG 32110 7493 3537 UCAAUCAU A UCAGCAUU 8846 AATGCTGA GGCTAGCTACAACGA ATGATTGA 32111 7502 3528 UCAGCAUU A UAAGCAUU 8849 AATGCTTA GGCTAGCTACAACGA ATGGAGAT 32112 7565 3465 AUCUCCAU A CCAUACCA 8865 TGGTATGG GGCTAGCTACAACGA ATGGAGAT 32113 7570 3460 CAUACCAU A CCAACAGC 8866 GCTGTTGG GGCTAGCTACAACGA ATGGTATG 32114 7638 3392 AAUCUGUU A UCAACUUU 8875 AAAGTTGA GGCTAGCTACAACGA AACAGATT 32115 7743 3287 CAAUCUCU A CCCGGCCU 8895 AGGCCGGG GGCTAGCTACAACGA ACAAGACA 32116 7783 3247 UGUCUUGU A CCCAGGUC 8904 GACCTGGG GGCTAGCTACAACGA ACAAGACA 32117 7833 3197 UGACUGGU A UUAUCAAG 8912 CTTGATAA GGCTAGCTACAACGA ACCAGTCA 32118 7836 3194 CUGGUAUU A UCAAGUCA 8914 TGACTTGA GGCTAGCTACAACGA ACCTTGTG 32119 7874 3156 CACAAGGU A UGCGUCUC			<u> </u>			
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7565 3465 AUCUCCAU A CCAUACCA 8865 TGGTATGG GGCTAGCTACAACGA ATGGAGAT 32113 7570 3460 CAUACCAU A CCAACAGC 8866 GCTGTTGG GGCTAGCTACAACGA ATGGTATG 32114 7638 3392 AAUCUGUU A UCAACUUU 8875 AAAGTTGA GGCTAGCTACAACGA AACAGATT 32115 7743 3287 CAAUCUCU A CCCGGCCU 8895 AGGCCGGG GGCTAGCTACAACGA AGAGATTG 32116 7783 3247 UGUCUUGU A CCCAGGUC 8904 GACCTGGG GGCTAGCTACAACGA ACAAGACA 32117 7833 3197 UGACUGGU A UUAUCAAG 8912 CTTGATAA GGCTAGCTACAACGA ACCAGTCA 32118 7836 3194 CUGGUAUU A UCAAGUCA 8914 TGACTTGA GGCTAGCTACAACGA AATACCAG 32119 7874 3156 CACAAGGU A UGCGUCUC 8922 GAGACGCA GGCTAGCTACAACGA ACCTTGTG 32120	7493	3537	UCAAUCAU A UCAGCAUU	8846	AATGCTGA GGCTAGCTACAACGA ATGATTGA	32111
7570 3460 CAUACCAU A CCAACAGC 8866 GCTGTTGG GGCTAGCTACAACGA ATGGTATG 32114 7638 3392 AAUCUGUU A UCAACUUU 8875 AAAGTTGA GGCTAGCTACAACGA AACAGATT 32115 7743 3287 CAAUCUCU A CCCGGCCU 8895 AGGCCGGG GGCTAGCTACAACGA AGAGATTG 32116 7783 3247 UGUCUUGU A CCCAGGUC 8904 GACCTGGG GGCTAGCTACAACGA ACAAGACA 32117 7833 3197 UGACUGGU A UUAUCAAG 8912 CTTGATAA GGCTAGCTACAACGA ACCAGTCA 32118 7836 3194 CUGGUAUU A UCAAGUCA 8914 TGACTTGA GGCTAGCTACAACGA AATACCAG 32119 7874 3156 CACAAGGU A UGCGUCUC 8922 GAGACGCA GGCTAGCTACAACGA ACCTTGTG 32120	7502	3528	UCAGCAUU A UAAGCAUU	8849	AATGCTTA GGCTAGCTACAACGA AATGCTGA	32112
7570 3460 CAUACCAU A CCAACAGC 8866 GCTGTTGG GGCTAGCTACAACGA ATGGTATG 32114 7638 3392 AAUCUGUU A UCAACUUU 8875 AAAGTTGA GGCTAGCTACAACGA AACAGATT 32115 7743 3287 CAAUCUCU A CCCGGCCU 8895 AGGCCGGG GGCTAGCTACAACGA AGAGATTG 32116 7783 3247 UGUCUUGU A CCCAGGUC 8904 GACCTGGG GGCTAGCTACAACGA ACAAGACA 32117 7833 3197 UGACUGGU A UUAUCAAG 8912 CTTGATAA GGCTAGCTACAACGA ACCAGTCA 32118 7836 3194 CUGGUAUU A UCAAGUCA 8914 TGACTTGA GGCTAGCTACAACGA AATACCAG 32119 7874 3156 CACAAGGU A UGCGUCUC 8922 GAGACGCA GGCTAGCTACAACGA ACCTTGTG 32120	7565	3465	AUCUCCAU A CCAUACCA	8865	TGGTATGG GGCTAGCTACAACGA ATGGAGAT	32113
7638 3392 AAUCUGUU A UCAACUUU 8875 AAAGTTGA GGCTAGCTACAACGA AACAGATT 32115 7743 3287 CAAUCUCU A CCCGGCCU 8895 AGGCCGGG GGCTAGCTACAACGA AGAGATTG 32116 7783 3247 UGUCUUGU A CCCAGGUC 8904 GACCTGGG GGCTAGCTACAACGA ACAAGACA 32117 7833 3197 UGACUGGU A UUAUCAAG 8912 CTTGATAA GGCTAGCTACAACGA ACCAGTCA 32118 7836 3194 CUGGUAUU A UCAAGUCA 8914 TGACTTGA GGCTAGCTACAACGA AATACCAG 32119 7874 3156 CACAAGGU A UGCGUCUC 8922 GAGACGCA GGCTAGCTACAACGA ACCTTGTG 32120			CAUACCAU A CCAACAGC	8866	GCTGTTGG GGCTAGCTACAACGA ATGGTATG	32114
7743 3287 CAAUCUCU A CCCGGCCU 8895 AGGCCGGG GGCTAGCTACAACGA AGAGATTG 32116 7783 3247 UGUCUUGU A CCCAGGUC 8904 GACCTGGG GGCTAGCTACAACGA ACAAGACA 32117 7833 3197 UGACUGGU A UUAUCAAG 8912 CTTGATAA GGCTAGCTACAACGA ACCAGTCA 32118 7836 3194 CUGGUAUU A UCAAGUCA 8914 TGACTTGA GGCTAGCTACAACGA AATACCAG 32119 7874 3156 CACAAGGU A UGCGUCUC 8922 GAGACGCA GGCTAGCTACAACGA ACCTTGTG 32120					AAAGTTGA GGCTAGCTACAACGA AACAGATT	32115
7783 3247 UGUCUUGU A CCCAGGUC 8904 GACCTGGG GGCTAGCTACAACGA ACAAGACA 32117 7833 3197 UGACUGGU A UUAUCAAG 8912 CTTGATAA GGCTAGCTACAACGA ACCAGTCA 32118 7836 3194 CUGGUAUU A UCAAGUCA 8914 TGACTTGA GGCTAGCTACAACGA AATACCAG 32119 7874 3156 CACAAGGU A UGCGUCUC 8922 GAGACGCA GGCTAGCTACAACGA ACCTTGTG 32120						
7833 3197 UGACUGGU A UUAUCAAG 8912 CTTGATAA GGCTAGCTACAACGA ACCAGTCA 32118 7836 3194 CUGGUAUU A UCAAGUCA 8914 TGACTTGA GGCTAGCTACAACGA AATACCAG 32119 7874 3156 CACAAGGU A UGCGUCUC 8922 GAGACGCA GGCTAGCTACAACGA ACCTTGTG 32120						
7836 3194 CUGGUAUU A UCAAGUCA 8914 TGACTTGA GGCTAGCTACAACGA AATACCAG 32119 7874 3156 CACAAGGU A UGCGUCUC 8922 GAGACGCA GGCTAGCTACAACGA ACCTTGTG 32120						+
7874 3156 CACAAGGU A UGCGUCUC 8922 GAGACGCA GGCTAGCTACAACGA ACCTTGTG 32120	<u> </u>					
						
7892 3138 GGCCACGU A CAUGAUUU 8925 AAATCATG GGCTAGCTACAACGA ACGTGGCC 32121				ļ		
	7892	3138	GGCCACGU A CAUGAUUU	8925	AAATCATG GGCTAGCTACAACGA ACGTGGCC	32121

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7937	3093	UUCCACGU A UCAUUGAG	8935	CTCAATGA GGCTAGCTACAACGA ACGTGGAA	32122
8108	2922	UCUAAGCU A UUCCAAGC	8971	GCTTGGAA GGCTAGCTACAACGA AGCTTAGA	32123
8198	2832	AAUAAAAU A CUCUUUCC	8988	GGAAAGAG GGCTAGCTACAACGA ATTTTATT	32124
8272	2758	UGACUUGU A CAUUCCCU	9007	AGGGAATG GGCTAGCTACAACGA ACAAGTCA	32125
8411	2619	CCUUCCUU A UGAGCUUU	9040	AAAGCTCA GGCTAGCTACAACGA AAGGAAGG	32126
8461	2569	AGGGUAAU A CUUGUACC	9052	GGTACAAG GGCTAGCTACAACGA ATTACCCT	32127
8467	2563	AUACUUGU A CCGGUCCA	9054	TGGACCGG GGCTAGCTACAACGA ACAAGTAT	32128
8499	2531	CAUUGUGU A UGAACACU	9060	AGTGTTCA GGCTAGCTACAACGA ACACAATG	32129
8544	2486	UGAUGUCU A UGGCACAC	9069	GTGTGCCA GGCTAGCTACAACGA AGACATCA	32130
8622	2408	UGAGAGCU A UGGACCUA	9075	TAGGTCCA GGCTAGCTACAACGA AGCTCTCA	32131
8630	2400	AUGGACCU A UCACGAGC	9076	GCTCGTGA GGCTAGCTACAACGA AGGTCCAT	32132
8685	2345	CUUGCGUU A UCCAGGAC	9083	GTCCTGGA GGCTAGCTACAACGA AACGCAAG	32133
8913	2117	CCACCACU A UGUAUGAG	9117	CTCATACA GGCTAGCTACAACGA AGTGGTGG	32134
		CACUAUGU A UGAGUCUC	9118	GAGACTCA GGCTAGCTACAACGA ACATAGTG	32135
8917	2113	GCCAGUGU A CUGCAAUU	9141	AATTGCAG GGCTAGCTACAACGA ACACTGGC	
9079	1951				32136
9200	1830	UUCACUCU A CACUUCAA	9164	TTGAAGTG GGCTAGCTACAACGA AGAGTGAA	32137
9306	1724	CCAAUGCU A UCACAGAC	9178	GTCTGTGA GGCTAGCTACAACGA AGCATTGG	32138
9374	1656	CACACAGU A CUUCCAGC	9194	GCTGGAAG GGCTAGCTACAACGA ACTGTGTG	32139
9463	1567	CACGUAGU A UGCAUUGG	9209	CCAATGCA GGCTAGCTACAACGA ACTACGTG	32140
9517	1513	CUCUCCAU A UUCUCCAA	9219	TTGGAGAA GGCTAGCTACAACGA ATGGAGAG	32141
9538	1492	UAGUGUGU A UGAAGGCG	9226	CGCCTTCA GGCTAGCTACAACGA ACACACTA	32142
9655	1375	CACUUCGU A CUUGAUAU	9240	ATATCAAG GGCTAGCTACAACGA ACGAAGTG	32143
9662	1368	UACUUGAU A UUCUCUUU	9242	AAAGAGAA GGCTAGCTACAACGA ATCAAGTA	32144
9687	1343	UUCUUCCU A UUGCCUUG	9253	CAAGGCAA GGCTAGCTACAACGA AGGAAGAA	32145
9923	1107	GCCUCCAU A UUCAUCAU	9289	ATGATGAA GGCTAGCTACAACGA ATGGAGGC	32146
10165	865	CAGGGCAU A UCCAGGGU	9327	ACCCTGGA GGCTAGCTACAACGA ATGCCCTG	32147
10200	830	CUGUUUUU A CCAAAUAC	9339	GTATTTGG GGCTAGCTACAACGA AAAAACAG	32148
10207	823	UACCAAAU A CCUUGUGG	9340	CCACAAGG GGCTAGCTACAACGA ATTTGGTA	32149
10333	697	UCUUCCAU A CCUGACGU	9365	ACGTCAGG GGCTAGCTACAACGA ATGGAAGA	32150
10388	642	GGAUCAUU A CCAGCCGA	9375	TCGGCTGG GGCTAGCTACAACGA AATGATCC	32151
10424	606	GUGAUAGU A UCAUCGCA	9380	TGCGATGA GGCTAGCTACAACGA ACTATCAC	32152
10438	592	GCACAUGU A UCCCACAU	9383	ATGTGGGA GGCTAGCTACAACGA ACATGTGC	32153
10524	506	UAGCAUUU A CCGUCAUC	9401	GATGACGG GGCTAGCTACAACGA AAATGCTA	32154
10572	458	CUGCUCCU A CGCUGGCG	9412	CGCCAGCG GGCTAGCTACAACGA AGGAGCAG	32155
10803	227	CAAAUCGU A UUGGCCCC	9464	GGGGCCAA GGCTAGCTACAACGA ACGATTTG	32156
10889	141	UUUAGCAU A UUGACAGC	9482	GCTGTCAA GGCTAGCTACAACGA ATGCTAAA	32157
10997	33	CAAACACU A CUAAGUUU	9506	AAACTTAG GGCTAGCTACAACGA AGTGTTTG	32158
18	11012	GUUCUCGC A CCACCAGC	9513	GCTGGTGG GGCTAGCTACAACGA GCGAGAAC	32159
21	11009	CUCGCACC A CCAGCCAC	9515	GTGGCTGG GGCTAGCTACAACGA GGTGCGAG	32160
28	11003	CACCAGCC A CCAUGUC	9519	GACAATGG GGCTAGCTACAACGA GGCTGGTG	
31	1002	CAGCCACC A UUGUCGGC	9521	GCCGACAA GGCTAGCTACAACGA GGTGGCTG	32161
42					32162
	10988	GUCGGCGC A CUGUGCCG	9522	CGGCACAG GGCTACCTACAACGA GCGCCGAC	32163
131	10899	UUUGUGGC A CGGGGUCU	9537	AGACCCCG GGCTAGCTACAACGA GCCACAAA	32164
142	10888	GGGUCUCC A CUAACCUC	9540	GAGGTTAG GGCTAGCTACAACGA GGAGACCC	32165
195	10835	GGCCGUGC A CUUUAAAC	9559	GTTTAAAG GGCTAGCTACAACGA GCACGGCC	32166
247	10783	UGGUUAAC A CCAUUACC	9574	GGTAATGG GGCTAGCTACAACGA GTTAACCA	32167
250	10780	UUAACACC A UUACCGGG	9576	CCCGGTAA GGCTAGCTACAACGA GGTGTTAA	32168
313	10717	CCUGGGGC A CUAUCGCA	9589	TGCGATAG GGCTAGCTACAACGA GCCCCAGG	32169
328	10702	CAGACUGC A CUCUCCGC	9593	GCGGAGAG GGCTAGCTACAACGA GCAGTCTG	32170
345	10685	AGAGUAGC A CGCCGUAG	9598	CTACGGCG GGCTAGCTACAACGA GCTACTCT	32171
365	10665	GGUCUGAC A UUGGGCUU	9601	AAGCCCAA GGCTAGCTACAACGA GTCAGACC	32172
386	10644	GUUACAAC A UGUGGGGU	9604	ACCCCACA GGCTAGCTACAACGA GTTGTAAC	32173
425	10605	GGGCUUAC A UGGAUCAC	9612	GTGATCCA GGCTAGCTACAACGA GTAAGCCC	32174
432	10598	CAUGGAUC A CUUCGCGG	9613	CCGCGAAG GGCTAGCTACAACGA GATCCATG	32175
449	10581	CUUUGUUC A CCCAGUCC	9616	GGACTGGG GGCTAGCTACAACGA GAACAAAG	32176
482	10548	CAGGCAGC A CCGUCUAC	9625	GTAGACGG GGCTAGCTACAACGA GCTGCCTG	32177
555	10475	CUAUUUAC A CUAACACC	9644	GGTGTTAG GGCTAGCTACAACGA GTAAATAG	32178
561	10469	ACACUAAC A CCACUAAA	9646	TTTAGTGG GGCTAGCTACAACGA GTTAGTGT	32179
564	10466	CUAACACC A CUAAAUAC	9648	GTATTTAG GGCTAGCTACAACGA GGTGTTAG	32180
587	10443	AAAACUAC A CUUUUAUG	9653	CATAAAAG GGCTAGCTACAACGA GTAGTTTT	32181
597	10433	UUUUAUGC A UACUUAUA	9655	TATAAGTA GGCTAGCTACAACGA GCATAAAA	32182
668	10362	GUGUCUUC A UAUCUCUU	9668	AAGAGATA GGCTAGCTACAACGA GAAGACAC	32183
687	10343	GUGAACUC A UGUAAUCC	9672	GGATTACA GGCTAGCTACAACGA GAGTTCAC	32183
					104

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696	10334	UGUAAUCC A CAUACUUC	9674	GAAGTATG GGCTAGCTACAACGA GGATTACA	32185
698	10332	UAAUCCAC A UACUUCUC	9675	GAGAAGTA GGCTAGCTACAACGA GTGGATTA	32186
707	10323	UACUUCUC A UCUCCGAU	9678	ATCGGAGA GGCTAGCTACAACGA GAGAAGTA	32187
741	10289	UGAUAGCC A CCUGGAUG	9685	CATCCAGG GGCTAGCTACAACGA GGCTATCA	32188
760	10270	UUCUGCCC A CGUGGCUC	9691	GAGCCACG GGCTAGCTACAACGA GGGCAGAA	32189
794	10236	AGGCUGCC A CACCAGAU	9700	ATCTGGTG GGCTAGCTACAACGA GGCAGCCT	32190
796	10234	GCUGCCAC A CCAGAUGU	9701	ACATCTGG GGCTAGCTACAACGA GTGGCAGC	32191
833	10197	GGGACGUC A CUCCAUUU	9709	AAATGGAG GGCTAGCTACAACGA GACGTCCC	32192
	10192	GUCACUCC A UUUCUCCA	9712	TGGAGAAA GGCTAGCTACAACGA GGAGTGAC	32193
838		AUUUCUCC A CUGGGGUU	9715	AACCCCAG GGCTAGCTACAACGA GGAGAAAT	32194
846	10184		9719	TGAATGGA GGCTAGCTACAACGA GGAAGACA	32195
864	10166	UGUCUUCC A UCCAUUCA	9721	AGAATGAA GGCTAGCTACAACGA GGATGGAA	32196
868	10162	UUCCAUCC A UUCAUUCU	9721	GAGGAGAA GGCTAGCTACAACGA GAATGGAT	
872	10158	AUCCAUUC A UUCUCCUC			32197
890	10140	AUCCAAAC A CGGUUCCA	9729	TGGAACCG GGCTAGCTACAACGA GTTTGGAT	32198
909	10121	CCUCCAAC A UGUCCUCU	9736	AGAGGACA GGCTAGCTACAACGA GTTGGAGG	32199
924	10106	CUGUUGUC A UCCACUCU	9740	AGAGTGGA GGCTAGCTACAACGA GACAACAG	32200
928	10102	UGUCAUCC A CUCUCCUC	9742	GAGGAGAG GGCTAGCTACAACGA GGATGACA	32201
941	10089	CCUCCUGC A UGGAUGGA	9749	TCCATCCA GGCTAGCTACAACGA GCAGGAGG	32202
952	10078	GAUGGACC A CGUGGUUC	9751	GAACCACG GGCTAGCTACAACGA GGTCCATC	32203
981	10049	CCCAAUUC A CAGGGACA	9757	TGTCCCTG GGCTAGCTACAACGA GAATTGGG	32204
1011	10019	CGUUGGCC A UGAGCCGC	9762	GCGGCTCA GGCTAGCTACAACGA GGCCAACG	32205
1051	9979	AAGCAGCC A CAUCUGGG	9771	CCCAGATG GGCTAGCTACAACGA GGCTGCTT	32206
1053	9977	GCAGCCAC A UCUGGGCA	9772	TGCCCAGA GGCTAGCTACAACGA GTGGCTGC	32207
1061	9969	AUCUGGGC A UAAGACUU	9774	AAGTCTTA GGCTAGCTACAACGA GCCCAGAT	32208
1099	9931	GACGUUCC A UCCGGCCC	9781	GGGCCGGA GGCTAGCTACAACGA GGAACGTC	32209
1139	9891	ACCAAUUC A UCCUGUCC	9793	GGACAGGA GGCTAGCTACAACGA GAATTGGT	32210
1153	9877	UCCUCGGC A UGGAACCA	9798	TGGTTCCA GGCTAGCTACAACGA GCCGAGGA	32211
1161	9869	AUGGAACC A CCAGUGUU	9800	AACACTGG GGCTAGCTACAACGA GGTTCCAT	32212
1175	9855	GUUCUUCC A UCUUUCAU	9805	ATGAAAGA GGCTAGCTACAACGA GGAAGAAC	32213
1182	9848	CAUCUUUC A UGAUCAAU	9807	ATTGATCA GGCTAGCTACAACGA GAAAGATG	32214
1232	9798	UGCCAAUC A UACCAUCC	9816	GGATGGTA GGCTAGCTACAACGA GATTGGCA	32215
		AUCAUACC A UCCAGUUG	9818	CAACTGGA GGCTAGCTACAACGA GGTATGAT	32216
1237	9793 9775	CGGUUUCC A CUCUUGGA	9822	TCCAAGAG GGCTAGCTACAACGA GGAAACCG	32217
1284	9746	CCUUUGAC A UAGCAUUG	9828	CAATGCTA GGCTAGCTACAACGA GTCAAAGG	32218
		GACAUAGC A UUGAGGAA	9829	TTCCTCAA GGCTAGCTACAACGA GCTATGTC	32219
1289	9741		 		32220
1338	9692	GCUUUACC A CACAGUCA	9835	TGACTGTG GGCTAGCTACAACGA GGTAAAGC	
1340	9690	UUUACCAC A CAGUCAUC	9836	GATGACTG GGCTAGCTACAACGA GTGGTAAA	32221
1346	9684	ACACAGUC A UCUCCACU	9838	AGTGGAGA GGCTAGCTACAACGA GACTGTGT	32222
1352	9678	UCAUCUCC A CUGACAGC	9841	GCTGTCAG GGCTAGCTACAACGA GGAGATGA	32223
1362	9668	UGACAGCC A UGCGGCUG	9845	CAGCCGCA GGCTAGCTACAACGA GGCTGTCA	32224
1385	9645	UCUUCCCC A UUCUCAAA	9852	TTTGAGAA GGCTAGCTACAACGA GGGGAAGA	32225
1440	9590	GUUUCUCC A CAUCAUCU	9868		32226
1442	9588	UUCUCCAC A UCAUCUGG	9869	CCAGATGA GGCTAGCTACAACGA GTGGAGAA	32227
1445	9585	UCCACAUC A UCUGGGCC	9870	GGCCCAGA GGCTAGCTACAACGA GATGTGGA	32228
1458	9572	GGCCAAUC A CUCCUUCC	9874	GGAAGGAG GGCTAGCTACAACGA GATTGGCC	32229
1473	9557	CCCCUUCC A UCAUCCUC	9883	GAGGATGA GGCTAGCTACAACGA GGAAGGGG	32230
1476	9554	CUUCCAUC A UCCUCACC	9884	GGTGAGGA GGCTAGCTACAACGA GATGGAAG	32231
1482	9548	UCAUCCUC A CCAGCUGG	9887	CCAGCTGG GGCTAGCTACAACGA GAGGATGA	32232
1538	9492	ACUUGUCC A CUCCCCCU	9896	AGGGGGAG GGCTAGCTACAACGA GGACAAGT	32233
1568	9462	GAGAUAAC A UCCAUGAC	9907	GTCATGGA GGCTAGCTACAACGA GTTATCTC	32234
1572	9458	UAACAUCC A UGACGGUU	9909	AACCGTCA GGCTAGCTACAACGA GGATGTTA	32235
1586	9444	GUUCUUCC A UCAGCAGC	9912	GCTGCTGA GGCTAGCTACAACGA GGAAGAAC	32236
1602	9428	CCGGGCGC A UCACUUUC	9916	GAAAGTGA GGCTAGCTACAACGA GCGCCCGG	32237
1605	9425	GGCGCAUC A CUUUCACA	9917	TGTGAAAG GGCTAGCTACAACGA GATGCGCC	32238
1611	9419	UCACUUUC A CAACUUUG	9919	CAAAGTTG GGCTAGCTACAACGA GAAAGTGA	32239
1670	9360	UGUUCCCC A UCAAGCAG	9932	CTGCTTGA GGCTAGCTACAACGA GGGGAACA	32240
1686	9344	GCUCAAGC A CCUUAGCU	9937	AGCTAAGG GGCTAGCTACAACGA GCTTGAGC	32241
1697	9333	UUAGCUUC A UUUUCCAA	9941	TTGGAAAA GGCTAGCTACAACGA GAAGCTAA	32242
1745	9285	GCUGUGUC A UCAGCAUA	9953	TATGCTGA GGCTAGCTACAACGA GACACAGC	32243
1751	9279	UCAUCAGC A UAGAUCUU	9955	AAGATCTA GGCTAGCTACAACGA GCTGATGA	32244
1784	9246	CCAACUUC A CGCAGGAU	9966	ATCCTGCG GGCTAGCTACAACGA GAAGTTGG	32245
1826	9204	CCCUCGAC A CCUCCUCC	9977	GGAGGAGG GGCTAGCTACAACGA GTCGAGGG	32246
1865	9165	UGGUCUUC A UUGAGAAA	9991	TTTCTCAA GGCTAGCTACAACGA GAAGACCA	32247
1003	3103	JOGGCCOC A OUGAGAAA	2227	TITCICAM GGCIAGCIACAACGA GAAGACCA	36641

1912 1918	***	02/00003/			1 C1/0501/40550	
1983 1987 1985	1912	9118	UCCGAGCC A CAUGAACC	10003	GGTTCATG GGCTAGCTACAACGA GGCTCGGA	32248
1980 9950	1914	9116	CGAGCCAC A UGAACCAA	10004	TTGGTTCA GGCTAGCTACAACGA GTGGCTCG	32249
1983 9047 UUCCCAUC A UUUGUGAA 10026 TRACAACA GGETAGCTACAAGA ATGGGAA 32251 9005 9052 AGUUGAGA A UUCCCCAC 10026 GGGGGGAA GGTGCTACAACGA GGTGAGCT 9040 8990 CCUCAUCC A CUCACCAC 10040 ATGGTGGA GGGTAGCTACAACGA GAGGAGCG 32251 9040 8997 CCUCAUCCA CUUCACCA 10044 TTGGGAA GGTAGCTACAACGA GAGGAGCG 32251 9041 8997 CAUCACCA UUCCCCA 10044 TTGGGAA GGTAGCTACAACGA GAGGAGCG 32252 1019 8921 CUUCAAC A UUGCCCA 10044 TTGGGAA GGTAGCTACAACGA GAGGAGCG 32252 1109 8921 CUUCAAC A UUGCCCA 10064 GGTTGCCA GGTAGCTACAACGA GAGGAGCG 32252 1114 8916 AACAGGCC A COCAAACC 10065 GCTTTGGG GGCTAGCTACAACGA GGGGAGC 32257 1124 8916 AACAGGCC A COCAAACC 10065 GCTTTGGG GGCTAGCTACAACGA GTGTGAAC 32257 1126 8904 AACAGGCC A CUUCUGGGA 10078 CCAGAATC GGCTAGCTACAACGA GCACCATT 32258 1226 8894 GAGGAGCA A UUCUGGGA 10078 CCAGAATC GGCTAGCTACAACGA GCACCATT 32259 1226 8894 GAGGAGCA A UUCUGGGA 10078 CCAGAATC GGCTAGCTACAACGA GCACCATT 32259 12219 8811 GAGGGCCC A UUCUGGGA 10097 ACAGCCAA GGCTAGCTACAACGA GCACCATT 32264 12226 8894 CAACGAGCA A UUCUGGGA 10087 ACAGCAA GGCTAGCTACAACGA GCACCATT 32264 12226 8894 CAACGAGCA A UUCUGGGA 10087 ACAGCAA GGCTAGCTACAACGA GCACCATT 32264 12226 8894 CAUUGAGCA C UUCUCUC 10087 ACAGCAGA GGCTAGCTACAACGA GGCACCAC 32266 12226 8894 CAUUGAGCA C UUCUCUC 10087 ACAGCAGA GGCTAGCTACAACGA GCCACCAGA GCCACCAG GCCACCAGA GCCACC		9050	UCUUUCCC A UCAUGUUG	10025	CAACATGA GGCTAGCTACAACGA GGGAAAGA	32250
	-		UUCCCAUC A UGUUGUAA	10026	TTACAACA GGCTAGCTACAACGA GATGGGAA	32251
				10028	GGGGGGAA GGCTAGCTACAACGA GTCACACT	32252
2014 8999					ATGGTGGA GGCTAGCTACAACGA GAGGAGCG	32253
2015 2017						
2011						
2116 8916						
21266 8994 AAAGCUGC A UUGCUGUU 10970 AACAGCAA GGCTAGCTACAACGA GCGCTGCTT 32259 2164 8866 GAGAGCAC A UUCUGGGA 10078 CCAGAATG GGCTACCTACAACGA GCTCTCCT 32261 2200 8886 GAGAGCAC A UUCUGGGA 10087 TCCCGAGA GGCTACCTACAACGA GGCTCTCT 32261 2200 8881 GUGGUCUC A UUGAGCAC 10092 GTGCTCCAA GGCTAGCTACAACGA GGGCTGCTCT 32262 2219 8811 GUGGUCU A UUGAGCAC 10092 GTGCTCAA GGCTAGCTACAACGA GGGCACCC 32263 22265 8804 CAUUGAGCA CGUACUUC 10093 GAAGTAGCTACAACGA GGGCACCC 32263 22255 8795 GGUACUUC A UUCAGCAC 10093 GAAGTAGCTACAACGA GGCAACGA 22265 22668 8762 UCGUGUCA C UUCACCCU 10103 GAAGTAGCG GGCTAGCTACAACGA GGCAACGA 22265 22681 8747 CUUUGAGC A CUUCCUUC 10103 GAAGAAGG GGCTAGCTACAACGA GACCACGA 22262 8708 UCAUGGCC A UGGCCAUG 10115 CATGGCCA GGCTAGCTACAACGA GACCACGA 22262 8708 UCAUGGCC A UGGCCAUG 10115 CATGGCCA GGCTAGCTACAACGA GACCACGA 22262 8708 UCAUGGCC A UGGCGUGA 10115 CATGGCCA GGCTAGCTACAACGA GACCACGA 22263 8697 GUGGUACA A UGGUGGUA 10112 CAAAACCA GGCTAACCTAACGA GGCTAACACCACGA 22263 8697 GUGGUACA A UGCUCAUU 10121 CAAAACCA GGCTAACCAACGA 22264 22323 8697 GUGGUACA A UUCAAUGU 10121 CAAAACCA GGCTAACCAACGA GGCTAACCACCA 22274 22373 8657 GCUGUACA A UCCAUUG 10121 CAAAACCA GGCTAACCAACGA GGCTAACCACACGA 22274 22374 22375 8652 ACCACUCC A UUGAACCAG 10128 CTGGTCAA GGCTAACCAACGA GGAGCCC 22274 22414 8616 GGCUUCAC A UCCAUUG 10128 CTGGTCAA GGCTAACCAACGA GGAGCCC 22274 22417 8613 UUGACAUC A UCCUCAUU 10128 CATGGGAG GGCTAACCAACGA GACCACA 22274 22474 8613 UUGACAUC A UCCUCAUU 10128 CATGGGAG GGCTAACCAACGA GACCACC 22274 22474 8613 UUGACAUC A UCCUCAUC 10127 GACGATTA GGCTAACCAACGA GACCACC 22274 22474 8616 GGCUUCA C A UCCAUUG 10124 GACCACCA GGCTAACCAACGA GACCACC 22274 22474 8616 GGCUUCC A UCCUCCAC 10147 GGCCAGTTA GGCTAACCAACGA GACCACC 22274 2246 8366 AUGUUCC A UUCACCAC 10146 GGCCAGCA GGCTAACCAACGA						
2166						
2166						
2219 8830	<u></u>					
2215 8811 GUGGUCIC A UUGAGCAC 10992 GTGCTCAA GGCTAGCTACAAGGA GAGACCAC 32284 2226 8894 CAUUGAGC A CGUACUUC 10093 GAAGTACG GGCTAGCTACAACGA GCTCAATCG 32264 2225 8795 COUACUUC A CUCUCUCU 10093 GAAGTACG GGCTAGCTACAACGA GACACGA 32265 2268 8762 UCGUGUCC 10108 GAGGGGG GGCTAGCTACAACGA GACTGAA 32266 2316 8714 CUUGAAC A UGGUGUC 10108 GCAGGGG GGCTAGCTACAACGA GACTGAA 32267 2316 8714 UUGUGACC A UGGUGUA 10115 CATGCCA GGCTACCACAGA GACTGAA 32267 2322 8708 ULCUGGCC A UGGUGUA 10117 TACCGCA GGCTAGCTACAACGA GCCATGA 32270 2350 8680 GGUGUCA C A UUGACCAA 10121 CAAACCA GGCTAGCTACAACGA GGCACC 2271 2373 8657 ACCACUCC A UUGACCAA 10125 CAATGAGG GGCTAGCTACAACGA GAGTAGGC 2227 2412 8618 UGGGUACA AUCACUACA 10125 CAATGAGG GGCTAGCTACAACGA GAGGCACC 2227 2417 8613 UUCACAC						
2226						
2235 8795	2219	8811				
2268	2226	8804	CAUUGAGC A CGUACUUC	10093	GAAGTACG GGCTAGCTACAACGA GCTCAATG	32264
2283 8747 CUUUGARC A CUCGCUGC 10108 GCAGCGGG GGCTAGCTACAACGA GTTCAAAG 32267	2235	8795	CGUACUUC A CUCCUUCU	10095	AGAAGGAG GGCTAGCTACAACGA GAAGTACG	32265
2316 8714	2268	8762	UCGUGUCC A CCUUCUCU	10103	AGAGAAGG GGCTAGCTACAACGA GGACACGA	32266
2322 8708	2283	8747	CUUUGAAC A CUCGCUGC	10108	GCAGCGAG GGCTAGCTACAACGA GTTCAAAG	32267
2333 8697	2316	8714	UGUCAGUC A UGGCCAUG	10115	CATGGCCA GGCTAGCTACAACGA GACTGACA	32268
2333 8697	2322	8708	UCAUGGCC A UGGUGGUA	10117	TACCACCA GGCTAGCTACAACGA GGCCATGA	32269
2350 8680 GGUGUCC A UGGUUUU 10121 CAAAACCA GGCTAGCTACAACGA GGGACACC 32271 2373 8657 GCCUGACC A CUCCAUUG 10125 CAAAGCA GGCTAGCTACAACGA GGTACAGC 2378 8652 ACCACUCC A UUGACCAG 10128 CTGGTCAA GGCTAGCTACAACGA GGTACAGCAG 23274 8618 UGGGCUUC A CAUCAUAA 10135 TATGATG GGCTAGCTACAACGA GGAGGGT 32273 2412 8618 UGGGCUUC A CAUCAUAA 10135 TATGATG GGCTAGCTACAACGA GAGGCCCA 32274 2414 8616 GGCUUCAC A UCAUAACU 10136 AGTTATGA GGCTAGCTACAACGA GAGGCCCA 32274 2417 8613 UUCACAUC A UAGUGGC 10137 GGCGATTA GGCTAGCTACAACGA GATGTGAA 32276 2459 8571 UGGUUCUC A UCGUGGU 10144 CACCACGA GGCTAGCTACAACGA GATGTGAA 32276 2468 8544 CUGUACUC A CGCCUGAA 10149 CTCAGGCG GGCTAGCTACAACGA GGAACCA 32277 2550 8480 GUUUUCCC A CGCCCUGA 10161 CAGGCCGG GGCTAGCTACAACGA GGAACCA 32278 2554 8466 CUGGUUCC A CUUCCCCA 10161 CAGGCCGG GGCTAGCTACAACGA GGAACCA 32281 2579 8451 AAGUUUAC A UCCUCCAA 10172 GAGGAAGA GGCTAGCTACAACGA GGAACCA 32281 2619 8411 UUUUUUCC A UUCCUCCU 10172 GAGGAAGA GGCTAGCTACAACGA GGAACCAG 32281 2619 8411 UUUUUUCC A UUCCUCCU 10184 CAGACGG GGCTAGCTACAACGA GGAAAAAA 32282 2646 8384 GGCUGGUC A UUUCUCCU 10184 CAGACGG GGCTAGCTACAACGA GGAAAAAA 32282 2654 8396 CUAGGAGC A CCUGGCUG 10188 CAGCCAGG GGCTAGCTACAACGA GGAAAAAA 32284 2654 8396 CUAGGAGC A CUUGCCUA 10184 CAGACGAG GGCTAGCTACAACGA GGAAAAAA 32284 2654 8396 CUAGGAGC A CUUGCCUA 10192 AGGAAAGA GGCTAGCTACAACGA GAAAAAA 32284 2656 8384 UCAUAUUC A CUGACUGU 10194 CAGACGAG GGCTAGCTACAACGA GAACAGCC 32285 2656 8386 UCAUACUC A CUUGCUCU 10192 CAGAGAAG GGCTAGCTACAACGA GACCAGCC 32285 2656 8366 AAUGUACC A CUUGCUCU 10192 CAGAGAG GGCTAGCTACAACGA GACCAGCC 32285 2656 8366 CAGACCA UUCCUCU 10192 CAGAGAG GGCTAGCTACAACGA GACCAGCC 32285 2656 8364 UGAACCA A UUCCUCU 10194 CAGACGAG GGCTAGCTACAACGA GACCAGCC 32285 2656 8364 UGAACCA A UUCCUCUC 10266 GCACGAGA GGCTAGCTACAACGA GATCAGA 32286 2656 8364 UGAACCAC A UUCCUCU 10266 GCACGAGA GGCTAGCTACAACGA GATCAGA 32286 2656 8364 UGAACCAC A UUCCUCU 10267 CAGGCAGG GGCTAGCTACAACGA GGTAGCTACAACGA CAGACCC A UUCCCCCA CUUCACG 10219 CCCCGAGA GGCTAGCTACAACGA GGTAGCTACAACGA CAGACCC A UUCCCCCA CUUCACCA CAUCCC				10118	ATCACGAA GGCTAGCTACAACGA GTTACCAC	32270
2373 8657 GCCUGACC A CUCCAUUG 10125 CARTGGAG GGCTAGCTACAACGA GGTCAGCC 32272 2378 8652 ACCACUCC A UUGACCAG 10128 CTGGTCAA GGCTAGCTACAACGA GGAGTGGT 32273 2412 8618 UGGGCUUC A CAUCAUAA 10135 TTATGATG GGCTAGCTACAACGA GAAGCCCA 32274 2414 8616 GGCUUCAC A UCAULACU 10136 AGTTATGA GGCTAGCTACAACGA GAAGCCCA 32274 2417 8613 UUCACAUC A UCAULACU 10136 AGTTATGA GGCTAGCTACAACGA GAAGCCCA 32275 2417 8613 UUCACAUC A UCAUCACA 10137 GGCAGTTA GGCTAGCTACAACGA GAGACCCA 32276 2459 8571 UGGUUCUC A UCGUGGUG 10144 CACCACGA GGCTAGCTACAACGA GAGAACCA 32277 2470 8560 GUGGUGCC A CGCCUGAG 10146 GTTCGACG GGCTAGCTACAACGA GGCACCAC 32278 2486 8544 CUGUACUC A CGCCUGAG 10149 CTCAGGCG GGCTAGCTACAACGA GGCACCAC 32278 2550 8480 GUUUUCCC A CGCCCCGG 10161 CAGGGCG GGCTAGCTACAACGA GGCACCAC 32278 2550 8480 GUUUUCCC A CUUCCCCA 10167 TTGGGAAG GGCTAGCTACAACGA GGAAACAA 32282 2564 8466 CUGGUUCC A CUUCCCCA 10167 TTGGGAAG GGCTAGCTACAACGA GGAAACAA 32282 2579 8451 AAGUUUAC A UUCUCUCC 10172 GAGGAAGA GGCTAGCTACAACGA GGAAACAA 32282 2619 8411 UUUUUUCC A UUCUCUCC 10172 GAGGAAGA GGCTAGCTACAACGA GGAAACAA 32282 2634 8396 CUAGGAGC A CCUGGCUG 10186 AGGAAGAA GGCTAGCTACAACGA GGAAACAA 32283 2634 8396 CUAGGACC A CUUGCCUC 10192 AGGAAGAA GGCTAGCTACAACGA GCTACCTAG 32285 2646 8364 GGCAGCC A UUUCCCU 10192 AGGAAGAA GGCTAGCTACAACGA GCTACCCTAG 32285 2652 8378 UCAUAUUC A CUGAUUGU 10192 AGGAAGAA GGCTAGCTACAACGA GCTACCTAG 32285 2668 8366 AAUGUACCA A UUUCCUC 10192 AGGAAGAA GGCTAGCTACAACGA GCTACCTAG 32285 2668 8369 CUAGACCA C AUUGCCUC 10196 AGGACAGG GGCTAGCTACAACGA GGTACATT 32287 2666 8364 GGCAGCCC A UUUCCUC 10193 ACATTCAG GGCTAGCTACAACGA GGTACATT 32287 2787 8423 CUUCGCC A UUUCCUC 10224 AGAGAGA GGCTAGCTACAACGA GGTACATT 32287 2788 8243 CUUCGCC A UUUCCGC 10296 GCCAGAGA GGCTAGCTACAACGA GGTAGCTACACGA GGCAGCCC CACAUACC 10207 GCCAGAAGA GGCTAGCTACAACGA GGTAGCTACAACGA GGCAGCCC CACAUACC 10207 GCCAGAAGA GGCTAGCTACAACGA GGTAGCTACAACGA GGCAGCACC CACAUACC 10207 GCCAGAAGA GGCTAGCTACAACGA GGAAGCA CACCCCC 20292 CCCCCA UCCCCC A UUCCCCC 10275 GGAGGGGGGG GGCTAGCTACAACGA GGAAGCA CACCCCC 20292 GCCACUCC A UCUCACGA 1				 		
2378						
2412 8618 UGGGCUUC A CAUCAUAA 10135 TATGATG GGCTAGCTACAACGA GAAGCCCA 32274 2414 8616 GGCUUCAC A UCAUAACU 10136 AGTTATGA GGCTAGCTACAACGA GATGTGA 32275 2417 8613 UUCACAUC A UACUGGC 10137 GGCAGTTA GGCTAGCTACAACGA GATGTGA 32276 2459 8571 UGGUUCUC A UGGUGGG 10144 CACCACGA GGCTAGCTACAACGA GAGAACCA 32277 2470 8560 GUGGUGCC A CGCCGAG 10146 GTCCAGCG GGCTAGCTACAACGA GAGTACAA 32279 2550 8480 GUUUUCC A CGCCCCUG 10161 CAGGGGG GGCTAGCTACAACGA GAGTACCA 32281 2564 8466 CUGGUUCC A CUCCCCAA 10167 TTGGGAAG GGCTAGCTACAACGA GGAACCAG 32281 2579 8451 AAGUUUAC A UCUUCCCU 10167 TTGGGAAG GGCTAGCTACAACGA GGAACCA 32282 2619 8411 UUUUUCCU A UCUUCCU 10184 AGGAAGAA GGCTACCTACACGA GGAACCA 32284 2664 8366 CUAGGAGC A CUUGCUU 10192 AGGTAGTACAACAGA GACCAGCC 32285 2652 83						
2414 8616 GGCUUCAC A UAAUGUC 10136 AGTTATGA GGCTAGCTACAACGA GTGAAGCC 32275 2417 8613 UUCACAUC A UAAUGUCC 10137 GGCAGTTA GGCTAGCTACAACGA GATGTGAA 32276 2459 8571 UUGGUUCC A UGGUGGUG 10146 CACCAGAG GGCTAGCTACAACGA GAGAACCA 32277 2470 8560 GUGGUGC A CGUCGAAC 10146 GTTCAGGC GGCTAGCTACAACGA GGACACCA 32278 2486 8544 CUGULCC A CGCCCCUG 10161 CTCAGGCG GGCTAGCTACAACGA GGAAAAC 32280 2550 8480 GUUUUCC A CGUCCCUG 10161 CAGGGCGG GGCTAGCTAACGA GGAAAAC 32280 2564 8466 CUGGUUCC A CUUCCCAA 10167 TTGGGAAG GGCTAGCTACAACGA GGAAAAC 32281 2579 8451 AAGUUUCC A UUCUUCCU 10172 QAGGAAGA GGCTAGCTACAACGA GGAAAAAA 32282 2634 8396 CUAGGAGC A CCUGGUG 10188 CAGCCAGG GGCTAGCTACAACGA GGAAAAA 32284 2646 8384 GGCUGGUC A UUUCACU 10192 AGTGAATA GGCTAGCTACAACGA GACCAGCC 32285 2652 8378 UCANUUCA C UUGAACA <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td>	<u> </u>					
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2766 8264 GCAGCUCC A UCUUCUCU 10224 AGAGAAGA GGCTAGCTACAACGA GGAGCTGC 32292 2787 8243 CUUUCGGC A UGUAGGGG 10229 CCCCTACA GGCTAGCTACAACGA GCCGAAAG 32293 2802 8228 GGCAGAGC A CCUUCACG 10231 CGTGAAGG GGCTAGCTACAACGA GCTCTGCC 32294 2808 8222 GCACCUUC A CGCAAAAU 10234 ATTTTGCG GGCTAGCTACAACGA GAAGGTGC 32295 2850 8180 CCUCAACC A UUUCAAGG 10249 CCTTGAAA GGCTAGCTACAACGA GGTTGAGG 32296 2891 8139 ACCUCAGC A CUUGACGA 10261 TCGTCAAG GGCTAGCTACAACGA GCTGAGGT 32297 2915 8115 CCGAUGUC A CAACACUC 10266 CTCCTTTG GGCTAGCTACAACGA GACACCCT 32298 2930 8100 AGGGUGUC A CAACACUC 10268 GAGTGTTG GGCTAGCTACAACGA GTCTGCA 32299 2935 8095 GUCACAAC A CUCCAGAG 10270 CTTCTGAG GGCTAGCTACAACGA GTTCTACA 32300 2957 8073 UAGAACAC A UCCACUC 10274 AGTGGAT GGCTAGCTACAACGA GTTTCTA 32302 2961 8069 ACACAUCC A CU	2694	8336	CCCAAUAC A UCUCGUGC	10206	GCACGAGA GGCTAGCTACAACGA GTATTGGG	32290
2787 8243 CUUUCGGC A UGUAGGGG 10229 CCCCTACA GGCTAGCTACAACGA GCCGAAAG 32293 2802 8228 GGCAGAGC A CCUUCACG 10231 CGTGAAGG GGCTAGCTACAACGA GCTCTGCC 32294 2808 8222 GCACCUUC A CGCAAAAU 10234 ATTTTGCG GGCTAGCTACAACGA GAAGGTGC 32295 2850 8180 CCUCAACC A UUUCAAGG 10249 CCTTGAAA GGCTAGCTACAACGA GGTTGAGG 32296 2891 8139 ACCUCAGC A CUUGACGA 10261 TCGTCAAG GGCTAGCTACAACGA GCTGAGGT 32297 2915 8115 CCGAUGUC A CAAAGGAG 10266 CTCCTTTG GGCTAGCTACAACGA GACACCCT 32298 2930 8100 AGGGUGUC A CAACACUC 10268 GAGTGTTG GGCTAGCTACAACGA GACACCCT 32299 2935 8095 GUCACAAC A CUCAGAGA 10270 CTTCTGAG GGCTAGCTACAACGA GTTCTACA 32300 2957 8073 UGUAGAAC A CAUCCACUC 10274 AGTGGATG GGCTAGCTACAACGA GTTCTACA 32301 2961 8069 ACACAUCC A CUCCACUC 10277 GAGTGGA GGCTAGCTACAACGA GGATGGA 32303 2973 8057 CACUCUCC A	2744	8286	CCCCCCC A UACCGGCG	10219	CGCCGGTA GGCTAGCTACAACGA GGGGGGG	32291
2787 8243 CUUUCGGC A UGUAGGGG 10229 CCCCTACA GGCTAGCTACAACGA GCCGAAAG 32293 2802 8228 GGCAGAGC A CCUUCACG 10231 CGTGAAGG GGCTAGCTACAACGA GCTCTGCC 32294 2808 8222 GCACCUUC A CGCAAAAU 10234 ATTTTGCG GGCTAGCTACAACGA GAAGGTGC 32295 2850 8180 CCUCAACC A UUUCAAGG 10249 CCTTGAAA GGCTAGCTACAACGA GGTTGAGG 32296 2891 8139 ACCUCAGC A CUUGACGA 10261 TCGTCAAG GGCTAGCTACAACGA GCTGAGGT 32297 2915 8115 CCGAUGUC A CAAAGGAG 10266 CTCCTTTG GGCTAGCTACAACGA GACACCCT 32298 2930 8100 AGGGUGUC A CAACACUC 10268 GAGTGTTG GGCTAGCTACAACGA GACACCCT 32299 2935 8095 GUCACAAC A CUCAGAGA 10270 CTTCTGAG GGCTAGCTACAACGA GTTCTACA 32300 2957 8073 UGUAGAAC A CAUCCACUC 10274 AGTGGATG GGCTAGCTACAACGA GTTCTACA 32301 2961 8069 ACACAUCC A CUCCACUC 10277 GAGTGGA GGCTAGCTACAACGA GGATGGA 32303 2973 8057 CACUCUCC A	2766	8264	GCAGCUCC A UCUUCUCU	10224	AGAGAAGA GGCTAGCTACAACGA GGAGCTGC	32292
2802 8228 GGCAGAGC A CCUUCACG 10231 CGTGAAGG GGCTAGCTACAACGA GCTCTGCC 32294 2808 8222 GCACCUUC A CGCAAAAU 10234 ATTTTGCG GGCTAGCTACAACGA GAAGGTGC 32295 2850 8180 CCUCAACC A UUUCAAGG 10249 CCTTGAAA GGCTAGCTACAACGA GGTTGAGG 32296 2891 8139 ACCUCAGC A CUUGACGA 10261 TCGTCAAG GGCTAGCTACAACGA GCTGAGGT 32297 2915 8115 CCGAUGUC A CAACACUC 10266 CTCCTTTG GGCTAGCTACAACGA GACACCCT 32298 2930 8100 AGGGUGUC A CAACACUC 10268 GAGTGTTG GGCTAGCTACAACGA GACACCCT 32299 2935 8095 GUCACAAC A CUCAGAAG 10270 CTTCTGAG GGCTAGCTACAACGA GTTCTACA 32300 2955 8075 UGUAGAAC A CAUCCACU 10274 AGTGGAT GGCTAGCTACAACGA GTTCTACA 32301 2957 8073 UAGAACAC A UCCACUC 10275 GGATGGAG GGCTAGCTACAACGA GTTTCTA 32302 2961 8069 ACACAUCC A CUCCAUCA 10277 GAGTGGAG GGCTAGCTACAACGA GGATGGA 32304 2973 8057 CACUCUC A UGG	2787	8243	CUUUCGGC A UGUAGGGG	10229	CCCCTACA GGCTAGCTACAACGA GCCGAAAG	32293
2808 8222 GCACCUUC A CGCAAAAU 10234 ATTTTGCG GGCTAGCTACAACGA GAAGGTGC 32295 2850 8180 CCUCAACC A UUUCAAGG 10249 CCTTGAAA GGCTAGCTACAACGA GGTTGAGG 32296 2891 8139 ACCUCAGC A CUUGACGA 10261 TCGTCAAG GGCTAGCTACAACGA GCTGAGGT 32297 2915 8115 CCGAUGUC A CAAAGGAG 10266 CTCCTTTG GGCTAGCTACAACGA GACACCCG 32298 2930 8100 AGGGUGUC A CAACACUC 10268 GAGTGTTG GGCTAGCTACAACGA GACACCCT 32299 2935 8095 GUCACAAC A CUCAGAGG 10270 CTTCTGAG GGCTAGCTACAACGA GTTGTACA 32300 2955 8075 UGUAGAAC A CAUCCACU 10274 AGTGGAT GGCTACAACGA GTTCTACA 32301 2957 8073 UAGAACAC A UCCACUCC 10275 GGAGTGGA GGCTAGCTACAACGA GGATGTGT 32302 2961 8069 ACACAUCC A CUCUACU 10277 GAGTGGAG GGCTAGCTACAACGA GGATGGA 32304 2973 8057 CACUCUUC A UGGUGACA 10280 ATGAAGAG GGCTAGCTACAACGA GAAGATT 32306 2989 8041 AAUGUUCC A UCCAUA		8228	GGCAGAGC A CCUUCACG	10231	CGTGAAGG GGCTAGCTACAACGA GCTCTGCC	32294
2850 8180 CCUCAACC A UUUCAAGG 10249 CCTTGAAA GGCTAGCTACAACGA GGTTGAGG 32296 2891 8139 ACCUCAGC A CUUGACGA 10261 TCGTCAAG GGCTAGCTACAACGA GCTGAGGT 32297 2915 8115 CCGAUGUC A CAAAGGAG 10266 CTCCTTTG GGCTAGCTACAACGA GACACCGG 32298 2930 8100 AGGGUGUC A CAACACUC 10268 GAGTGTTG GGCTAGCTACAACGA GACACCCT 32299 2935 8095 GUCACAAC A CUCAGAAG 10270 CTTCTGAG GGCTAGCTACAACGA GTTGTGC 32300 2955 8075 UGUAGAAC A CAUCCACU 10274 AGTGGAT GGCTACAACGA GTTTCTAA 32301 2957 8073 UAGAACAC A UCCACUC 10275 GGAGTGGA GGCTAGCTACAACGA GGATGTGT 32302 2961 8069 ACACAUCC A CUCUUCUAU 10280 ATGAAGAG GGCTAGCTACAACGA GGATGGA 32304 2973 8057 CACUCUUC A UGGUGACA 10280 ATGAAGAG GGCTAGCTACAACGA GAAGATT 32305 2989 8041 AAUGUUCC A UCCAUAAC 10286 GTTATGGA GGCTAGCTACAACGA GGAACATT 32306 2993 8037 UUCCAUCC A UAACUU	-					
2891 8139 ACCUCAGC A CUUGACGA 10261 TCGTCAAG GGCTAGCTACAACGA GCTGAGGT 32297 2915 8115 CCGAUGUC A CAAAGGAG 10266 CTCCTTTG GGCTAGCTACAACGA GACATCGG 32298 2930 8100 AGGGUGUC A CAACACUC 10268 GAGTGTTG GGCTAGCTACAACGA GACACCCT 32299 2935 8095 GUCACAAC A CUCAGAAG 10270 CTTCTGAG GGCTAGCTACAACGA GTTGTGAC 32300 2955 8075 UGUAGAAC A CAUCCACU 10274 AGTGGAT GGCTACAACGA GTTCTACA 32301 2957 8073 UAGAACAC A UCCACUCC 10275 GGAGTGGA GGCTAGCTACAACGA GTGTTCTA 32302 2961 8069 ACACAUCC A CUCCACUC 10277 GAGTGGA GGCTAGCTACAACGA GGATGTG 32303 2966 8064 UCCACUCC A CUCUUCAU 10280 ATGAAGAG GGCTAGCTACAACGA GGAGGTG 32304 2973 8057 CACUCUUC A UGGUGACA 10283 TGTCACCA GGCTAGCTACAACGA GAACATT 32306 2989 8041 AAUGUUCC A UCCAUAAC 10286 GTTATGGA GGCTAGCTACAACGA GGAACATT 32306 2993 8037 UUCCAUCC A UAACUUG				}		
2915 8115 CCGAUGUC A CAAAGGAG 10266 CTCCTTTG GGCTAGCTACAACGA GACATCGG 32298 2930 8100 AGGGUGUC A CAACACUC 10268 GAGTGTTG GGCTAGCTACAACGA GACACCCT 32299 2935 8095 GUCACAAC A CUCAGAAG 10270 CTTCTGAG GGCTAGCTACAACGA GTTGTACA 32300 2955 8075 UGUAGAAC A CAUCCACU 10274 AGTGGATG GGCTAGCTACAACGA GTTCTACA 32301 2957 8073 UAGAACAC A UCCACUCC 10275 GGAGTGGA GGCTAGCTACAACGA GTGTTCTA 32302 2961 8069 ACACAUCC A CUCCACUC 10277 GAGTGGAG GGCTAGCTACAACGA GGATGTGT 32303 2966 8064 UCCACUCC A CUCUUCAU 10280 ATGAAGAG GGCTAGCTACAACGA GGAGGGG 32304 2973 8057 CACUCUUC A UGGUGACA 10283 TGTCACCA GGCTAGCTACAACGA GAACATT 32306 2989 8041 AAUGUUCC A UCCAUAAC 10286 GTTATGGA GGCTAGCTACAACGA GGAACATT 32306 2993 8037 UUCCAUCC A UAACUUG 10288 CAAAGTTA GGCTACCAACGA GCAAAGTT 32308 3003 8027 AACUUUG A UGUCG					<u> </u>	
2930 8100 AGGGUGUC A CAACACUC 10268 GAGTGTTG GGCTAGCTACAACGA GACACCCT 32299 2935 8095 GUCACAAC A CUCAGAAG 10270 CTTCTGAG GGCTAGCTACAACGA GTTGTGAC 32300 2955 8075 UGUAGAAC A CAUCCACU 10274 AGTGGATG GGCTAGCTACAACGA GTTCTACA 32301 2957 8073 UAGAACAC A UCCACUCC 10275 GGAGTGGA GGCTAGCTACAACGA GTGTTCTA 32302 2961 8069 ACACAUCC A CUCCACUC 10277 GAGTGGA GGCTAGCTACAACGA GGATGTGT 32303 2966 8064 UCCACUCC A CUCUUCAU 10280 ATGAAGAG GGCTAGCTACAACGA GGAGGTG 32304 2973 8057 CACUCUUC A UGGUGACA 10283 TGTCACCA GGCTAGCTACAACGA GAAGAGTG 32305 2989 8041 AAUGUUCC A UCCAUAAC 10286 GTTATGGA GGCTAGCTACAACGA GGAACATT 32306 2993 8037 UUCCAUCC A UAACUUG 10288 CAAAGTTA GGCTAGCTACAACGA GGATGGAA 32307 3003 8027 AACUUUGC A CUAGUUG 10290 CCAACTAG GGCTAGCTACAACGA GAAAGTT 32308 3020 8010 GGCUCUUC A UGU						
2935 8095 GUCACAAC A CUCAGAAG 10270 CTTCTGAG GGCTAGCTACAACGA GTTGTGAC 32300 2955 8075 UGUAGAAC A CAUCCACU 10274 AGTGGATG GGCTAGCTACAACGA GTTCTACA 32301 2957 8073 UAGAACAC A UCCACUCC 10275 GGAGTGGA GGCTAGCTACAACGA GTGTTCTA 32302 2961 8069 ACACAUCC A CUCCACUC 10277 GAGTGGAG GGCTAGCTACAACGA GGATGTGT 32303 2966 8064 UCCACUCC A CUCUUCAU 10280 ATGAAGAG GGCTAGCTACAACGA GGAGTGGA 32304 2973 8057 CACUCUUC A UGGUGACA 10283 TGTCACCA GGCTAGCTACAACGA GAAGAGTG 32305 2989 8041 AAUGUUCC A UCCAUAAC 10286 GTTATGGA GGCTAGCTACAACGA GGAACATT 32306 2993 8037 UUCCAUCC A UAACUUG 10288 CAAAGTTA GGCTAGCTACAACGA GGATGGAA 32307 3003 8027 AACUUUGC A CUAGUUGG 10290 CCAACTAG GGCTAGCTACAACGA GAAAGTT 32308 3020 8010 GGCUCUUC A UGUCCGGG 10294 CCCGGACA GGCTAGCTACAACGA GAAGAGCC 32309						
2955 8075 UGUAGAAC A CAUCCACU 10274 AGTGGATG GGCTAGCTACAACGA GTTCTACA 32301 2957 8073 UAGAACAC A UCCACUCC 10275 GGAGTGGA GGCTAGCTACAACGA GTGTTCTA 32302 2961 8069 ACACAUCC A CUCCACUC 10277 GAGTGGAG GGCTAGCTACAACGA GGATGTGT 32303 2966 8064 UCCACUCC A CUCUUCAU 10280 ATGAAGAG GGCTAGCTACAACGA GGAGTGGA 32304 2973 8057 CACUCUUC A UGGUGACA 10283 TGTCACCA GGCTAGCTACAACGA GAAGAGTG 32305 2989 8041 AAUGUUCC A UCCAUAAC 10286 GTTATGGA GGCTAGCTACAACGA GGAACATT 32306 2993 8037 UUCCAUCC A UAACUUUG 10288 CAAAGTTA GGCTAGCTACAACGA GGATGGAA 32307 3003 8027 AACUUUGC A CUAGUUGG 10290 CCAACTAG GGCTAGCTACAACGA GAAAGTT 32308 3020 8010 GGCUCUUC A UGUCCGGG 10294 CCCGGACA GGCTAGCTACAACGA GAAGAGCC 32309						
2957 8073 UAGAACAC A UCCACUCC 10275 GGAGTGGA GGCTAGCTACAACGA GTGTTCTA 32302 2961 8069 ACACAUCC A CUCCACUC 10277 GAGTGGAG GGCTAGCTACAACGA GGATGTGT 32303 2966 8064 UCCACUCC A CUCUUCAU 10280 ATGAAGAG GGCTAGCTACAACGA GGAGTGGA 32304 2973 8057 CACUCUUC A UGGUGACA 10283 TGTCACCA GGCTAGCTACAACGA GAAGAGTG 32305 2989 8041 AAUGUUCC A UCCAUAAC 10286 GTTATGGA GGCTAGCTACAACGA GGAACATT 32306 2993 8037 UUCCAUCC A UAACUUUG 10288 CAAAGTTA GGCTAGCTACAACGA GGATGGAA 32307 3003 8027 AACUUUGC A CUAGUUGG 10290 CCAACTAG GGCTAGCTACAACGA GAAGAGCC 32308 3020 8010 GGCUCUUC A UGUCCGGG 10294 CCCGGACA GGCTAGCTACAACGA GAAGAGCC 32309						
29618069ACACAUCC A CUCCACUC10277GAGTGGAG GGCTAGCTACAACGA GGATGTGT3230329668064UCCACUCC A CUCUUCAU10280ATGAAGAG GGCTAGCTACAACGA GGAGTGGA3230429738057CACUCUUC A UGGUGACA10283TGTCACCA GGCTAGCTACAACGA GAAGAGTG3230529898041AAUGUUCC A UCCAUAAC10286GTTATGGA GGCTAGCTACAACGA GGAACATT3230629938037UUCCAUCC A UAACUUUG10288CAAAGTTA GGCTAGCTACAACGA GGATGGAA3230730038027AACUUUGC A CUAGUUGG10290CCAACTAG GGCTAGCTACAACGA GCAAAGTT3230830208010GGCUCUUC A UGUCCGGG10294CCCGGACA GGCTAGCTACAACGA GAAGAGCC32309			<u> </u>	1		
29668064UCCACUCC A CUCUUCAU10280ATGAAGAG GGCTAGCTACAACGA GGAGTGGA3230429738057CACUCUUC A UGGUGACA10283TGTCACCA GGCTAGCTACAACGA GAAGAGTG3230529898041AAUGUUCC A UCCAUAAC10286GTTATGGA GGCTAGCTACAACGA GGAACATT3230629938037UUCCAUCC A UAACUUUG10288CAAAGTTA GGCTAGCTACAACGA GGATGGAA3230730038027AACUUUGC A CUAGUUGG10290CCAACTAG GGCTAGCTACAACGA GCAAAGTT3230830208010GGCUCUUC A UGUCCGGG10294CCCGGACA GGCTAGCTACAACGA GAAGAGCC32309					<u> </u>	
2973 8057 CACUCUUC A UGGUGACA 10283 TGTCACCA GGCTAGCTACAACGA GAAGAGTG 32305 2989 8041 AAUGUUCC A UCCAUAAC 10286 GTTATGGA GGCTAGCTACAACGA GGAACATT 32306 2993 8037 UUCCAUCC A UAACUUUG 10288 CAAAGTTA GGCTAGCTACAACGA GGATGGAA 32307 3003 8027 AACUUUGC A CUAGUUGG 10290 CCAACTAG GGCTAGCTACAACGA GCAAAGTT 32308 3020 8010 GGCUCUUC A UGUCCGGG 10294 CCCGGACA GGCTAGCTACAACGA GAAGAGCC 32309						
29898041AAUGUUCC A UCCAUAAC10286GTTATGGA GGCTAGCTACAACGA GGAACATT3230629938037UUCCAUCC A UAACUUUG10288CAAAGTTA GGCTAGCTACAACGA GGATGGAA3230730038027AACUUUGC A CUAGUUGG10290CCAACTAG GGCTAGCTACAACGA GCAAAGTT3230830208010GGCUCUUC A UGUCCGGG10294CCCGGACA GGCTAGCTACAACGA GAAGAGCC32309						
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3003 8027 AACUUUGC A CUAGUUGG 10290 CCAACTAG GGCTAGCTACAACGA GCAAAGTT 32308 3020 8010 GGCUCUUC A UGUCCGGG 10294 CCCGGACA GGCTAGCTACAACGA GAAGAGCC 32309						
3020 8010 GGCUCUUC A UGUCCGGG 10294 CCCGGACA GGCTAGCTACAACGA GAAGAGCC 32309						
	-	 				
3078 7952 GGGUUGCC A UAUAGUAA 10309 TTACTATA GGCTAGCTACAACGA GGCAACCC 32310					CCCGGACA GGCTAGCTACAACGA GAAGAGCC	32309
	3078	7952	GGGUUGCC A UAUAGUAA	10309	TTACTATA GGCTAGCTACAACGA GGCAACCC	32310

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3088	7942	AUAGUAAC A CCAACCGC	10310	GCGGTTGG GGCTAGCTACAACGA GTTACTAT	32311
3104	7926	CCUCUUCC A CAUCCAAG	10318	CTTGGATG GGCTAGCTACAACGA GGAAGAGG	32312
3106	7924	UCUUCCAC A UCCAAGGU	10319	ACCTTGGA GGCTAGCTACAACGA GTGGAAGA	32313
3120	7910	GGUCAAUC A CUUUUCCG	10323	CGGAAAAG GGCTAGCTACAACGA GATTGACC	32314
3160	7870	GACCAGCC A UCUCAGUU	10333	AACTGAGA GGCTAGCTACAACGA GGCTGGTC	32315
3206	7824	CCAGUGAC A UUGCCUUC	10347	GAAGGCAA GGCTAGCTACAACGA GTCACTGG	32316
3294	7736	CUUUUGUC A UCUGGUUG	10364	CAACCAGA GGCTAGCTACAACGA GACAAAAG	32317
3347	7683	UUUGCCC A CCUCUUUU	10381	AAAAGAGG GGCTAGCTACAACGA GGGGCAAA	32318
	7658	GUUUUUCC A UGUUCUUU	10388	AAAGAACA GGCTAGCTACAACGA GGAAAAAC	32319
3372		GAGUGUCC A UGUUAUGG	10391	CCATAACA GGCTAGCTACAACGA GGACACTC	32320
3391	7639				32320
3406	7624	GGAUAGAC A UGACAACC	10392	GGTTGTCA GGCTAGCTACAACGA GTCTATCC	
3422	7608	CAACCCCC A CGCAUGAU	10400	ATCATGCG GGCTAGCTACAACGA GGGGGTTG	32322
3426	7604	CCCCACGC A UGAUGUGG	10401	CCACATCA GGCTAGCTACAACGA GCGTGGGG	32323
3479	7551	CUUGCUCC A UUCUCCCA	10411	TGGGAGAA GGCTAGCTACAACGA GGAGCAAG	32324
3495	7535	AAAGCGUC A CCGCUGCG	10416	CGCAGCGG GGCTAGCTACAACGA GACGCTTT	32325
3540	7490	CUGUCUUC A CAGACGGG	10426	CCCGTCTG GGCTAGCTACAACGA GAAGACAG	32326
3552	7478	ACGGGUUC A CUACUACU	10428	AGTAGTAG GGCTAGCTACAACGA GAACCCGT	32327
3573	7457	CUAGAGAC A CCAAGAUC	10434	GATCTTGG GGCTAGCTACAACGA GTCTCTAG	32328
3585	7445	AGAUCAGC A UGAUCUGU	10438	ACAGATCA GGCTAGCTACAACGA GCTGATCT	32329
3609	7421	UCUUCUGC A UGAUGGGU	10445	ACCCATCA GGCTAGCTACAACGA GCAGAAGA	32330
3651	7379	CCGUGGCC A CGAUGCCA	10451	TGGCATCG GGCTAGCTACAACGA GGCCACGG	32331
3659	7371	ACGAUGCC A UCCACUAC	10453	GTAGTGGA GGCTAGCTACAACGA GGCATCGT	32332
3663	7367	UGCCAUCC A CUACAGCG	10455	CGCTGTAG GGCTAGCTACAACGA GGATGGCA	32333
3678	7352	CGUUCUUC A UGAUUCCG	10459	CGGAATCA GGCTAGCTACAACGA GAAGAACG	32334
3714	7316	CUGAGCGC A UUGCCUCA	10467	TGAGGCAA GGCTAGCTACAACGA GCGCTCAG	32335
3741	7289	CGGGAACC A UGUAGGCA	10476	TGCCTACA GGCTAGCTACAACGA GGTTCCCG	32336
3749		AUGUAGGC A UAGUGGCA	10477	TGCCACTA GGCTAGCTACAACGA GCCTACAT	32337
	7281				
3811	7219	UCCCCAGC A UCCGGCUG	10487	CAGCCGGA GGCTAGCTACAACGA GCTGGGGA	32338
3837	7193	GAGCCGAC A CUCCAACA	10493	TGTTGGAG GGCTAGCTACAACGA GTCGGCTC	32339
3845	7185	ACUCCAAC A UCGACGAA	10497	TTCGTCGA GGCTAGCTACAACGA GTTGGAGT	32340
3884	7146	AAUAGUGC A CUUGCCUG	10500	CAGGCAAG GGCTAGCTACAACGA GCACTATT	32341
3975	7055	CUGUUGUC A CAGCGUAC	10511	GTACGCTG GGCTAGCTACAACGA GACAACAG	32342
4029	7001	ACUCUCCC A UGCUGAAA	10527	TTTCAGCA GGCTAGCTACAACGA GGGAGAGT	32343
4082	6948	CUUAUGUC A CUCUUGGU	10542	ACCAAGAG GGCTAGCTACAACGA GACATAAG	32344
4107	6923	GCCAACCC A UCUCGUUG	10551	CAACGAGA GGCTAGCTACAACGA GGGTTGGC	32345
4122	6908	UGGCUGCC A CUGCGCUC	10555	GAGCGCAG GGCTAGCTACAACGA GGCAGCCA	32346
4131	. 6899	CUGCGCUC A CAAGGGUC	10558	GACCCTTG GGCTAGCTACAACGA GAGCGCAG	32347
4140	6890	CAAGGGUC A UGACACAA	10560	TTGTGTCA GGCTAGCTACAACGA GACCCTTG	32348
4145	6885	GUCAUGAC A CAAAUCAG	10561	CTGATTTG GGCTAGCTACAACGA GTCATGAC	32349
4158	6872	UCAGGAAC A CGGCUAGC	10564	GCTAGCCG GGCTAGCTACAACGA GTTCCTGA	32350
4212	6818	GAAUUAGC A CAAUCAUC	10574	GATGATTG GGCTAGCTACAACGA GCTAATTC	32351
4218	6812	GCACAAUC A UCAAGAGA	10576		32352
4242	6788	GCAGCAAC A UUCCGGCG	10580		32353
4275	6755	CUUCAGCC A UCCAACAG	10588		32354
		UCCGCUGC A UGAGGAGG	10612	CCTCCTCA GGCTAGCTACAACGA GCAGCGGA	32355
4347	6683				
4368	6662	AUACUCCC A UGGUCAUC	10616	<u> </u>	32356
4374	6656	CCAUGGUC A UCACACUC	10617	ļ	32357
4377	6653	UGGUCAUC A CACUCAAU	10618	ATTGAGTG GGCTAGCTACAACGA GATGACCA	32358
4379	6651	GUCAUCAC A CUCAAUAA	10619		32359
4415	6615	UGAAGAGC A UCUGGCAG	10626		32360
4437	6593	CCAGGGCC A UUCUGUGA	10634		32361
4473	6557	CAGUGGCC A CAACGUAC	10646	GTACGTTG GGCTAGCTACAACGA GGCCACTG	32362
4482	6548	CAACGUAC A UGGUGUCA	10648	TGACACCA GGCTAGCTACAACGA GTACGTTG	32363
4501	6529	UGCUUCCC A UGUCUUCC	10653	GGAAGACA GGCTAGCTACAACGA GGGAAGCA	32364
4512	6518	UCUUCCCC A UGAAGUGC	10658	GCACTTCA GGCTAGCTACAACGA GGGGAAGA	32365
4527	6503	GCUCAGGC A UCUUUCCC	10661	GGGAAAGA GGCTAGCTACAACGA GCCTGAGC	32366
4617	6413	CCGAGUAC A CCCUGGCG	10682	CGCCAGGG GGCTAGCTACAACGA GTACTCGG	32367
4658	6372	UUCCUUUC A CCAAGCUU	10695		32368
4680	6350	UGACUUCC A CUUCGUUG	10701		32369
4721	6309	CUAGGACC A UCAAAGCA	10708		32370
4729	6301	AUCAAAGC A CCACCUCC	10710		32371
4732	6298	AAAGCACC A CCUCCGGU	10712	ACCGGAGG GGCTAGCTACAACGA GGTGCTTT	32372
4752	6278	GGUAUGAC A CUCCAGCC	10716	<u> </u>	
1132	1 32/0	OCONOUNC A COLLABELL	1 10/10	GOLIDGAG GGCIAGCIACAACGA GICAIACC	32373

1856 6174 WAUTUCCC A UGCAUGU 10759 ACCANGA GGCTAGCTACANCAG GGCGAATA 32374 1860 6170 CCCCARCC A UGCAUGU 10756 CCCARGOG GGCTAGCTACANCAG GGRAGGGG 32376 1917 6113 GGUUUGG A UGUUBAD 10761 CCCARGOG GGCTAGCTACANCAG GGRAGGGG 32376 1917 6153 GGUUCAGC A UGABUGGU 10764 ACCANGA GGCTAGCTACANCAG GCCANACG 32376 1979 6051 UUGUUGU A UUCGUUGU 10771 ACCANGA GGCTAGCTACANCAG AGAACACA 32378 1979 6051 UUGUUCU A UUCGUUGU 10777 TACTOTTA GGCTAGCTACANCAG AGAACACA 32378 15066 6042 ACCANGAUC A UCACCAAC 10780 10777 TACTOTTA GGCTAGCTACANCAG AGAACACA 32380 15066 6044 ACCANGAC A CACACUU 10781 ACANGAGA GAACACA 32380 15060 6041 ACCIDACUC A UCACCAAC 10780 10781 ACANGAGA GAACACA 32380 15076 5978 MAUCAGUC A CUGCUCC 10781 ACANGAGA GAACACA 32380 15076 5996 AUACAGUC A CUGCUCC 10781 ACANGAGA GAACACA 32380 15076 5996 CUGCUCCU 10782 ACANGAGA GGCAACACA 32380 15076 5996 CUGCUCCU 10802 ACANGAGA GGCAACACA 32380 15076 5997 UUCAGAM 10785 ACANGAGA GGCAACACA 32380 15076 5997 UUCAGAM 10785 ACANGAGA GGCAACACA 32380 15076 5998 UUCAGAM 10785 ACANGAGA GGCAACACA 32380 15120 5998 GUUCUACA CUCUCCU 10812 GGAACAGA GGCAACACA 32380 15120 5999 UUCAGAM 10802 ACANGAGA GGCAACACA 32380 15120 5999 UUCAGAACA ACANGAGA GCAACACA 32380 15120 5999 UUCAGAACA ACANGAGA GCAACACA 32380 15120 5999 CUCAGAGA AGAACAA 32380		02/00003/				
1877 6153 ACCEDICIO A CUEURIDIS 10756 CARGAGOS GOTTAGOTALAGOS ARGANAGT 12176 14317 6113 ACCEDICIO A CUEURIDIS 10751 10756 CARGAGOS GOTTAGOTALAGOS ARGANAGT 12176 14315 6095 UGUICAGOS A UGALDIGUI 10764 ACCEDATOS GOTTAGOTALAGOS ACCEDAGOS 23278 4979 6051 UGUICAGOS A UGALDIGUI 10771 CALGADOS GOTTAGOTALAGOS ACCEDAGOS 23278 4979 6051 UGUICAGOS A UGALDIGUI 10771 CALGADOS GOTTAGOTALAGOS AGRACIA 23280 4998 6036 UGUICAGOS A UGALDIGUI 10771 CALGADOS GOTTAGOTALAGOS AGRACOS 23280 6009 6021 UGUICAGOS A CORCULUS 10781 CALGADOS GOTTAGOTALAGOS AGRACOS 23281 6009 6021 UGUICAGOS A CUEUCUG 10780 GTTOGOTAGOTAGOTALAGOS AGRACOS 23281 6009 6021 UGUICAGOS A CUEUCUG 10781 CALGADOS GOTTAGOTACAGOS AGRACOS 23281 6090 6021 GALGADOS AGRACOS ACCEDADOS 2009 6021 6020 60	4856	6174	UAUUCCCC A UCCAUGGU	10750	ACCATGGA GGCTAGCTACAACGA GGGGAATA	32374
	4860	6170	CCCCAUCC A UGGUAUAU	10752	ATATACCA GGCTAGCTACAACGA GGATGGGG	32375
1931 6935 0010CAGA 0020UGGU 10761 CATCAACA GGCTAGCTAACAGA GCCAAACG 32377 1935 6955 UUCCUCCA UUCCUCCU 10771 CACACGAA GGCTAGCTAACAGA GATGGACA 22379 6951 UCCCCACC VAACAGAU 10777 CACACGAA GGCTAGCTAACAGA GATGGACA 22379 6951 UCCCCACC VAACAGAU 10777 CACACGAA GGCTAGCTAACAGA GATGACCA 23289 6951 UUCCCCAC CACACGAC 10780 07760TGA GGCTAGCTACAGAGA GATGACCA 23280 6951 UUCCCCAC CACACGAC 10780 07760TGA GGCTAGCTACAGAGA GATGACCA 23280 6951 UUCCCCAC 07670 10780 07760TGA GGCTAGCTACAGAGA GATGACCA 23280 6951 07660CGC CACACGAC 10781 07760TGA GGCTAGCTACAGAGA GATGACCA 23280 6951 07660CGC CACACGAC 10781 07760TGA GGCTAGCTACAGAGA GATGACCA 23280 69570 5956 CACAGGACA CAUGCCCC 10781 07760TGA GGCTAGCTACAGAGA GACGACCA 23280 69570 5956 CACAGGACA CAUGCCCC 10892 07660CGC 07670 07660CGC 07670	4877	6153	ACCUUCUC A CGCUCUGG	10756	CCAGAGCG GGCTAGCTACAACGA GAGAAGGT	32376
1995 6095	4917	6113	CGUUUGGC A UGUUGAUG	10761	CATCAACA GGCTAGCTACAACGA GCCAAACG	32377
1979 6051			UGUCCAGC A UGAUUCGU	10764	ACGAATCA GGCTAGCTACAACGA GCTGGACA	32378
1999				10771	CACACGAA GGCTAGCTACAACGA GAAGACGA	32379
				10777	TACTGTTA GGCTAGCTACAACGA GGGGGGCA	32380
Solid Soli	—			10780	GTTGGTGA GGCTAGCTACAACGA GAGTACTG	32381
5912 5988 AJIACGUCC A CGUCUCUG 10758 CARGARAG GGCTAGCTAACQA GGACGTAT 32381 5070 5960 CUGCUGUC A CUGCAGAU 10795 ATCRICAG GGCTAGCTAACQA GCACCAG 32384 5935 CCAGGAUC A CUCUCCCU 10802 AGGGAGGA GGCTAGCTAACQA GACACCAG 32386 5070 S960 CUGGUUUC A CACUCUCCU 10812 GAAGAGGG GGCTAGCTACACGA GACACCAG 32387 S970 UUGGUUUC A CACUCUCCCU 10812 GAAGAGGG GGCTAGCTACACGA GAAACCAA 32287 5132 5898 GGUUUCAC A CUCUUCCG 10812 GAAGAGGG GGCTAGCTACACGA GAAACCAA 32287 5132 5898 GGUUUCAC A CUCUUCCG 10813 GAGAGGG GGCTAGCTACACGG GATACACCA 32287 5131 S879 UUGCACAC A UUUCAGAU 10830 AAGAACGA GGCTAGCTACAACGA GTGAAACC 32388 5151 S879 UUGCUCAC A UUUCAGAU 10830 AAGAACGA GGCTAGCTACAACGA GGTGAACAC 32287 3216 S814 UCCCAAUCA A UUUUGGGU 10837 AAGAACGA GGCTAGCTACAACGA GGTGAGGA 32391 32393 32393 32393 32394				10781	CAAGTTGG GGCTAGCTACAACGA GATGAGTA	32382
5977 5973	—				CAGAGACG GGCTAGCTACAACGA GGACGTAT	32383
5970 5960					GCAGCTAG GGCTAGCTACAACGA GCCGCCCA	32384
5996 CCARGANC A CUCUCCCU 10802 AGGRAGAG GGCTAGCTACAACGA GATCCTGG 32386 5132 5898 GGUUUCAC A CUCUUCCG 10812 GAAGAGTG GCTAGCTACAACGA GAAACCAA 32387 5151 5879 UGUCAAUC A CUCUUCCG 10813 GGGAAGGG GGCTAGCTACAACGA GATACAAC 32388 5176 5852 UGGCCCC A UUUUGAGA 10830 ATCTGAAA GGCTAAGCTACAACGA GATTGACA 32388 5176 5852 UGGCCCC A UUUUGAGAU 10830 ATCTGAAA GGCTAAGCTACAACGA GATTGACA 32387 5227 5803 GUUCUAC A UUUUGGGU 10837 AAGAACGA GGGTAGCTACAACGA GATTGGGA 32398 5227 5803 GUUCUAC A UUUUGGGU 10839 ACCCAAAA GGCTAGCTACAACGA GATTGGGA 22392 5265 5745 UUUCCAGC A CGUUGUGU 10837 AAGAACGA GGCTAGCTACAACGA GATTGGGA 22393 5229 5721 GCAAAUCU A UUCCCCAU 10855 TGCCTAAA GGCTAGCTACAACGA GCTGGAAA 32293 5791 CAUUCACCC A UUCUGACA 10855 TGCCTAAA GGCTAGCTACAACGA GAGATTGC 32386 5791 CAUUCACC A UUCUGACA 10855 TGCCTAAG GGCTAGCTACAACGA GAGATTGC 32395 5714 CAUUCACC A UUCUGACA 10859 TGCCCAAG GGCTAGCTACAACGA GTCAACAT 32395 5714 CAUUCACCA UUCUGACA 10859 TGCCCAAG GGCTAGCTACAACGA GAGATTGC 32397 53295 5	-					32385
1930 1930 1930 1930 1930 1931 1931 1931 1932 1931						
SETS SETS UGUCANUC A CCCUGCUC 10819 GAGCAGGG GGCTAGCTACAACGA GATTGGCA 32390 15178 5852 UAGCCCCC A UUUCAGAU 10837 AACAACGA GGCTAGCTACAACGA GGGGGCA 32390 3231						
S178						
S216 S814						
S227 S803 GUUCUUAC & UUUUGGGU 10839 ACCCANAN GGCTAGCTACAACGA GTANGAAC 32392 5288 5745 UUUCCAGA CGUUGUUG 10851 ATGCAACG GGCTAGCTACAACGA GGTGGAAC 32393 32394 5705 5721 GCANUCUC & UUCCCCAU 10855 ATGCAACG GGCTAGCTACAACGA GGGTGAACGA GGATTGC 32394 5706 AUCUUGAC & CUNGGCAC 10859 TOTCAAGA GGCTAGCTACAACGA GGGGATTG 32395 3234 5706 AUCUUGAC & CUNGGCAC 10859 TOTCAAGA GGCTAGCTACAACGA GGGATTG 32395 3234 5706 AUCUUGAC & CUNGGCAC 10851 GTGCTTG GGCTAGCTACAACGA GGGATTGC 32395						
S285 5745			<u> </u>			
\$309 \$721						
5316 5714 CAUUCCCC A UCUUGACA 10859 TSTCANAGA GGCTACTACAGGA GGGGARTG 32395 5324 5706 AUCUUGAC A CUAGGCAC 10861 GTGCCTAG GGCTAGCTACAACGA GCCTAGAT 32395 5331 56599 CACUAGGC A CANACCAA 10863 TTGGTTTG GGCTAGCTACAACGA GCCTAGTG 32397 5368 5652 UGUGAUCC A UUCUUAUC 10873 GATAGGAA GGCTAGCTACAACGA GCATAGCA 32398 5475 5555 UGGCUGUC A UCCAUCAC 10810 GTGATGGA GGCTAGCTACAACGA GACAGCCA 32398 5564 5466 UGAGCCUC A UCCAUCAC 10910 GTGATGGA GGCTAGCTACAACGA GACAGCCA 32400 5568 5462 CCUCAUCC A UCCAUCAC 10910 GTGATGGA GGCTAGCTACAACGA GACAGCCA 32400 5568 5462 CCUCAUCC A UCACGAAC 10912 GTTGGTGA GGCTAGCTACAACGA GAGGCTCA 32401 5571 5459 CAUCCAUC A CGAACAGG 10912 GTTGGTGA GGCTAGCTACAACGA GATGGATG 32402 5592 5438 AGUUCGGC A CCCUGUGA 10915 TCACAGGG GGCTAGCTACAACGA GATGGATG 32403 5607 5423 GAGGAGCA UCACCCUG 10919 CAGGCTGA GGCTAGCTACAACGA GCTCCCCC 32405 5630 5430 AGGUAGCA UGACCAU 10923 ATGSTCTA GGCTAGCTACAACGA GTCACCCC 32405 5630 5400 AGGUAGCA UGACCAU 10923 ATGSTCTA GGCTAGCTACAACGA GTCACCCC 32405 5635 5395 AGCAUGAC A UGACACAU 10924 ATGSTCTA GGCTAGCTACAACGA GTCACCCT 32405 5635 5395 AGCAUGAC UCAACAAU 10924 ATGSTCTA GGCTAGCTACAACGA GTCACCCT 32405 5642 5388 CACAUGAC UCAACAAU 10924 ATGSTCTA GGCTAGCTACAACGA GTCATCCT 32405 5642 5388 CACAUGAC UCAACAAU 10924 ATGSTCTA GGCTAGCTACAACGA GTCATCCT 32405 5660 5376 UCAUUCCA UUUCCAUU 10930 AATGGAAA GGCTAGACTACAACGA GTCATGT 32406 5660 5376 ACAUCUC UUUCCAUU 10931 AATGGAAA GGCTAGACCAACGA GTCATGT 32407 5660 5376 UCAUUCCA UUUCCAGCA 10932 TGATGTAGA GGCTACACCAA GGAAATGA 32410 5774 5306 CUUCAGCC UUCAGCCA 10932 TGATGGAG GGCTACACCAACGA GCAACTGA 32410 5775 5273 GUGCUGCC UUCAGCC 10932 CTCGCAGG GGCTACACCAACGA GCAACTGA 32415 5775 5273 GUGCUGCC UUCCAGCC 10932 CTCGAGGG GGCTACCTACAACGA GCCCAAAG 32415 5995 5061 CCACAUCA UCC						
5324 5706 AUCUUGAC A CURGGCAC 1081 TRGCTTAG GCTAGCTACAACGA GTCAAGAT 32396						
5331 5699						
5368 5662 UGUGAUCC A UUGUAUUC 10873 GATACGAA GGCTAGCTACAACGA GGATCACA 32398			<u> </u>			
5475 5555	5331					
5564 5465	5368	5662	UGUGAUCC A UUCGUAUC	10873		
S568 S462 CCUCAUCC A UCAGGARC 10912 GTTCGTGA GGCTAGCTACAACGA GGATGAGG 32401 5571 5459 CAUCCAUC A CGAACAGG 10913 CCTGTTCG GGCTAGCTACAACGA GGATGAGT 32402 5592 5438 AGUUCGGC A CCCUGUIGA 10915 TCACAGGG GGCTAGCTACAACGA GCCGAACT 32404 5507 5423 GAGGAGAC A UCAGCCUG 10919 CAGGCTGA GGCTAGCTACAACGA GCCGAACT 32404 5530 5400 AGGGUAGC A UCACACAU 10923 ATTGTCA GGCTAGCTACAACGA GCTCACTCT 32404 5530 5400 AGGGUAGC A UGACACAU 10923 ATTGTCA GGCTAGCTACAACGA GCTCACTCT 32405 5537 S395 AGCAUGAC A UGACAACAU 10924 ATTGTCAT GGCTAGCTACAACGA GTCACTCT 32405 5537 5393 CAUGACACA UGACACAU 10925 TGATGTCA GGCTAGCTACAACGA GTCACTCT 32406 5537 5393 CAUGACACA UGACACAU 10926 ATTGTTGA GGCTAGCTACAACGA GTCATGT 32407 5642 5388 CACAUGAC A UGACACAU 10926 ATTGTTGA GGCTAGCTACAACGA GTCATGT 32407 5650 5376 ACAAUCUC A UUUCCAUU 10930 AATGGAAA GGCTAGCTACAACGA GGAATTGT 32408 5650 5370 UCAUUUCC A UUAUGUUC 10932 GAACATAA GGCTAGCTACAACGA GGAAATGA 32410 55736 CUUCAGGC A UCUCAGCA 10932 GAACATAA GGCTAGCTACAACGA GGCCAAGG 32411 5724 5306 CUUCAGCC A UCUCAGCA 10932 ATCGCAG GGCTAGCTACAACGA GGCTAGAG 32412 5736 5294 CAGCAGCC A CAACCCUG 10952 CAGGGTTG GGCTAGCTACAACGA GGCTGAGG 32412 5736 5294 CAGCAGCC A CAACCCUG 10952 CAGGGTTG GGCTAGCTACAACGA GCTAGCA 32414 5871 5159 UCCUCAGC A UCUCAGGU 10982 ACCTGAGG GGCTAGCTACAACGA GCTAGCAC 32414 5871 5159 UCCUCAGC A UCUCAGGU 10982 ACCTGAGG GGCTAGCTACAACGA GCTAGCAC 32415 5903 5127 AUUGGCUC A UCUCAGGU 10982 ACCTGAGG GGCTAGCTACAACGA GCTAGCAC 32416 5903 5127 AUUGGCUC A UCUCAGGU 10982 ACCTGAGG GGCTAGCTACAACGA GCTAGCAC 32416 5903 5127 AUUGGCUC A UCUCAGCU 10982 ACCTGAGG GGCTAGCTACAACGA GCTAGCAC 32416 5903 5127 AUUGGCUC A UCUCAGCA 10982 ACCTGAGG GGCTAGCTACAACGA GCTAGCAC 32417 5915 5115 AUCCUUCAC A UCUCAGCA 10982 ACCTGAGG GGCTAGCTACAACGA GCTAGCAC 32419 5963 5067 AUGACUCC A UCUC	5475	5555	UGGCUGUC A UGAAUAUU			
5571 5459 CAUCCAUC A CGAACAGG 10913 CCTGTTCG GGCTAGCTACAACGA GATGGATG 32402 5592 5438 AGUUCGGC A CCCUGUGA 10915 TCACAGGG GGCTAGCTACAACGA GCCGAACT 32403 5607 5423 GAGGAGCA UCAGCCUG 10919 CAGGCTGA GGCTAGCTACAACGA GCCGAACT 32404 5630 5400 AGGGUAGC A UGACACAU 10923 ATGTGTCA GGCTAGCTACAACGA GCTACCT 32406 5635 5395 AGCAUGAC A CAUGACCAU 10924 ATGTCATG GGCTAGCTACAACGA GTCATCAT 32406 5635 5395 AGCAUGAC A UGACACAU 10924 ATGTCATG GGCTAGCTACAACGA GTCATGT 32406 5637 5393 CAUGACAC A UGACACAU 10925 TGATGTCA GGCTAGCTACAACGA GTCATGT 32406 5642 5388 CACAUGAC A UGACACAU 10926 ATTGTTGA GGCTAGCTACAACGA GTCATGT 32407 5664 5376 ACANUCUC A UUUCCAUU 10930 AATGGAAA GGCTAGCTACAACGA GTCATGT 32409 5654 5376 ACANUCUC A UUUCCAUU 10930 AATGGAAA GGCTAGCTACAACGA GGAATTGT 32409 5660 5370 UCAUUUCC A UUUCGAUU 10931 AATGGAAA GGCTAGCTACAACGA GGAATTGT 32409 5660 5370 UCAUUUCC A UUUCGAUU 10931 AATGGAAA GGCTAGCTACAACGA GGAATTGT 32409 5660 5354 CUUCAGCC A UUCUCAGCA 10947 TGCTGAGA GGCTAGCTACAACGA GGCTAGAT 32411 5736 5294 CAGCAGCC A CAACCCUG 10952 AACCAGCG GGCTAGCTACAACGA GCCCAGAG 32411 5736 5294 CAGCAGCC A CAACCCUG 10952 AACCAGCG GGCTAGCTACAACGA GCTGAGC 32413 5757 5273 GUGCUAGC A UCCUAGCA 10952 AACCAGCG GGCTAGCTACAACGA GCTAGCAC 32415 5871 5159 UCCUCAGC A UCCUACGC 10952 AACCAGCG GGCTAGCTACAACGA GCTAGCAC 32416 5903 5127 AUUGGCUC A UCCUUCA 10958 AACAGCCG GGCTAGCTACAACGA GCTAGCAC 32416 5903 5127 AUUGGCU A UCCUUCA 10958 AACAGCGC GGCTAGCTACAACGA GCTAGCAC 32416 5903 5127 AUUGGCU A UCCUUCA 10950 TGAAAGGA GGCTAGCTACAACGA GAACCAAT 32416 5903 5127 AUUGGCU A UCCUUCA 10950 TGAAAGGA GGCTAGCTACAACGA GAACCAAT 32416 5905 5061 CCAUUCC A UCCUUCA 10950 TGAAAGGA GGCTAGCTACAACGA GAACCAAT 32416 5952 5078 CGUUCAGCC A UUAUGGCU 10991 TGAAAGGA GGCTAGCTACAACGA GAACGAA 32421 5963 5061 CCAUUCC A UUAUGACU	5564	5466	UGAGCCUC A UCCAUCAC	10910		
5592 5438 AGUUCGGC A CCCUGUGA 10915 TCACAGGG GGCTAGCTACAACGA GCCGAACT 32403 5607 5423 GAGGAGAC A UCAGCCUG 10919 CAGGCTGA GGCTAGCTACAACGA GCCTCCTC 32404 5630 5400 AGGGUAGC A UGACACAU 10923 ATTGGTCA GGCTAGCTACAACGA GCTACCCTC 32405 5635 5395 AGCAUGAC A CAUGACAU 10924 ATGTCATG GGCTAGCTACAACGA GCTACCCT 32405 5637 5393 CAUGACAC A UGACAUCA 10925 TGATGTCA GGCTAGCTACAACGA GTCATGCT 32405 5634 5395 ACAUGACA A UCAACAAU 10926 ATTGTCA GGCTAGCTACAACGA GTGTCATG 32407 5642 5388 CACAUGAC A UCAACAAU 10926 ATTGTCA GGCTAGCTACAACGA GTCATGT 32407 5654 5376 ACAAUCUC A UUUCCAUU 10930 AATGGAA GGCTAGCTACAACGA GAGATTGT 32408 5654 5376 ACAAUCUC A UUUCCAUU 10930 AATGGAA GGCTAGCTACAACGA GAGATTGT 32409 5660 5370 UCAUUUCC A UUAUGUUC 10930 AATGGAA GGCTAGCTACAACGA GAGATTGA 32410 5724 5306 CUUCAGCC A UUCAGCA 10935 ATCCGCAG GGCTAGCTACAACGA GAGATTGA 32411 5724 5306 CUUCAGCC A UCUCAGCA 10947 TGCTGAGA GGCTACAACGA GCCCCAGAG 32412 5736 5294 CAGCAGCC A CAACCCUG 10952 CAGGGTTG GGCTACAACGA GCCTCAACG 32413 5757 5273 GUGCUAGC A UCUCAGGU 10952 ACCTGAGA GGCTAGCTACAACGA GCTCAGCA 32415 5871 5159 UCCUCAGC A UCUCAGGU 10982 ACCTGAGA GGCTACAACGA GCTGAGCA 32416 5907 5123 GCUCAUCC A UCCUUCA 10980 AGGATGGA GGCTACCAACGA GCTGAGGA 32416 5907 5123 GCUCAUCC A UCCUUCA 10990 GTGCAGGA GGCTACCAACGA GCTGAGGA 32416 5907 5123 GCUCAUCC A UCCUUCA 10990 GTGCAGGA GGCTACCAACGA GCTGAGGA 32416 5922 5108 CACCCUGC A UUAUGACU 10991 GTGCAGGA GGCTACCAACGA GCTGAGGA 32417 5915 5115 AUCCUUCAC A UCCUUCA 10990 GTGCAGGA GGCTACCAACGA GCAGGGT 32419 5952 5048 CACCCUGC A UAACACCA 100000000000000000000000000000000000	5568	5462	CCUCAUCC A UCACGAAC	10912		32401
5607 5423	5571	5459	CAUCCAUC A CGAACAGG	10913	CCTGTTCG GGCTAGCTACAACGA GATGGATG	32402
5630 5400 AGGUAGC A UGACACAU 10923 ATGTGTCA GGCTAGCACAGA GCTACACCT 32405 5635 5395 AGCADUGAC A CAUGACAU 10924 ATGTCATG GGCTAGCTACAACGA GTCATGCT 32406 5637 5393 CAUGACAC A UGACAUCA 10925 TGATGTCA GGCTAGCTACAACGA GTCATGT 32407 5642 5388 CACAUGAC A UGACACAU 10926 ATTGTTCA GGCTAGCTACAACGA GTCATGT 32409 5654 5376 ACANUCUC A UUUCCAUU 10930 AATGGAAA GGCTAGCTACAACGA GAAATGA 32409 5676 5374 CUCUGGGC A UUUCAGCA 10932 AACAGTAA GGCTACAACGA GACACAGA GCCCAGAG 32410 5724 5306 CUUCAGCC A UUCAGCA 10947 TGCTGAGA GGCTACAACGA GCCCAGAG 32412 5736 5294 CAGCAGCC A CAACCCUG 10952 CAGGGTTG GGCTAGCAACGA GCTGAGAG 32415 5871 5159 UCCUCAGC A UCUCAGGU 10958 AACAGCG GGCTAGCTACAACGA GCTGAGAG 32416 5907 5123 GUCUCAGC A UCCAUCCU 10988 AGGATGGA GGCTAGCTACAACGA GAAGAACAA 32417 5915 5115	5592	5438	AGUUCGGC A CCCUGUGA	10915	TCACAGGG GGCTAGCTACAACGA GCCGAACT	32403
5635 5395 AGCAUGAC A CAUGACAU 10924 ATGTCATG GGCTAGCTACAACGA GTCATGCT 32406 5637 5393 CAUGACAC A UGACAUCA 10925 TGATGTCA GGCTAGCTACAACGA GTGTCATG 32407 5642 5388 CACAUGAC A UCACAAU 10926 ATTGTTGA GGCTAGCTACAACGA GTGTCATG 32408 5654 5376 ACAUGAC A UUAUCCAUU 10930 AATGGAAA GGCTAGCTACAACGA GAGATTGT 32408 5654 5376 ACAUGACC A UUAUGUUC 10932 GAACATAA GGCTAGCTACAACGA GAGATTGT 32409 5660 5370 UCAUUUCC A UUAUGUUC 10932 GAACATAA GGCTAGCTACAACGA GAGATTGT 32405 5676 5354 CUCUGGGC A CUGCGGAU 10935 ATCCGCAG GGCTAGCTACAACGA GGCCAAGA 32412 5724 5306 CUUCAGCC A UCUCAGCA 10947 TGCGGAG GGCTAGCTACAACGA GGCCAAGA 32412 5736 5294 CAGCAGCC A CAACCCUG 10952 CAGGGTTG GGCTAGCTACAACGA GGCTGAGA 32412 5757 5273 GUGCUAGC A UCUCAGCU 10958 AACAGCG GGCTAGACACACGA GCTGAGCA 32415 5871 5159 UCCUCAGC A UCUCAGGU 10988 AACAGCG GGCTAGCTACAACGA GCTGAGCA 32415 5903 5127 AUUGGCUC A UCCAUCCU 10988 AACAGCG GGCTAGCTACAACGA GCTGAGCA 32415 5903 5127 AUUGGCUC A UCCAUCCU 10988 AGGATGGA GGCTAGCTACAACGA GAGCCAAT 32416 5903 5127 AUUGGCUC A UCCAUCCU 10988 AGGATGGA GGCTAGCTACAACGA GAGCCAAT 32416 5915 5115 AUCCUUUCA 10990 TGAAAGGA GGCTAGCTACAACGA GAGCCAAT 32416 5922 5108 CACCCUGC A CUAUCGG 10993 GTGCAGG GGCTAGCTACAACGA GAAGGAT 32418 5922 5078 CGUUGGGC A UUAUGACU 11001 AGTCATAA GGCTAGCTACAACGA GAAGGAT 32419 5952 5078 CGUUGGGC A UUAUGACU 11001 AGTCATAA GGCTAGCTACAACGA GCAGGGTG 32419 5952 5078 CGUUGGGC A UUAUGACU 11001 AGTCATAA GGCTAGCTACAACGA GCAGGGTG 32420 5963 5067 AUGACUCC A UAAAGCCC 11006 GGCTATA GGCTAGCTACAACGA GCACGGAG 32422 5969 5061 CCAUUCCC A UAAAGCCC 11006 GGCTATA GGCTAGCTACAACGA GCAGGGTG 32422 5969 5061 CCAUUCCC A UAAAGCCC 11006 GGCTATA GGCTAGCTACAACGA GATTGGG 32422 5969 5061 CCAUUCCC A UAAAGCCC 11006 GGCTATA GGCTAGCTACAACGA GATTGGG 32422 5969 5061 CCAUUCC A UAAAGCCC 11006 GGC	5607	5423	GAGGAGAC A UCAGCCUG	10919	CAGGCTGA GGCTAGCTACAACGA GTCTCCTC	32404
5637 5393 CAUGACAC A UGACAUCA 10925 TGATGTCA GGCTAGCTACAACGA GTGTCATG 32407	5630	5400	AGGGUAGC A UGACACAU	10923	ATGTGTCA GGCTAGCTACAACGA GCTACCCT	32405
5642 5388 CACAUGAC A UCAACAAU 10926 ATTGTTGA GGCTAGCTACAACGA GTCATGTG 32408 5654 5376 ACAAUCUC A UUUCCAUU 10930 AATGGAAA GGCTAGCTACAACGA GAGATTGT 32409 5660 5370 UCADUUCC A UUUAGUUC 10932 GAACATAA GGCTAGCTACAACGA GGAATTGA 32410 5676 5354 CUCUGGGC A UUCAGCA 10947 TGCTGAG GGCTAGCTACAACGA GCCCAGAG 32411 5724 5306 CUUCAGCC A UCUCAGCA 10947 TGCTGAGA GGCTAGCTACAACGA GCTGAGA 32412 5736 5294 CAGCAGCC A CAACCCUG 10952 CAGGGTTG GGCTAGCTACAACGA GCTGAGA 32413 5757 5273 GUGCUAGC A CUCCAGGU 10982 ACCTGAGA GCTAGCTACAACGA GCTGAGAC 32414 5871 5159 UCCUCAGC A UCUCAGGU 10982 ACCTGAGA GGCTAGCTACAACGA GCCCAACGA 32415 5907 5123 GCUCAUCC A UCCUUUCA 10990 TGAAAGGA GGCTAGCTACAACGA GACCAAT 32416 5915 5115 AUCCUUUC A CCCUGCAC 10991 TGAAAGGA GGCTAGCTACAACGA GACCAAGG 32419 5922 5108 CACCCUGC A UUA	5635	5395	AGCAUGAC A CAUGACAU	10924	ATGTCATG GGCTAGCTACAACGA GTCATGCT	32406
5654 5376 ACABUCUC A UUUCCAUU 10930 AATGGAAA GGCTAGCTACAACGA GAGATTGT 32409 5660 5370 UCAUUUCC A UUAUGUU 10932 GAACATAA GGCTAGCTACAACGA GGAAATGA 32410 5676 5354 CUCUGGGC A UGUCAGCA 10935 ATCCGCAG GGCTAGCTACAACGA GCCCAGAG 32411 5724 5306 CUUCAGCC A UCUCAGCA 10947 TGCTGAG GGCTAGCTACAACGA GCCTGAG 32412 5736 5294 CAGCACC A CAACCCUG 10952 CAGGGTTG GGCTAGCTACAACGA GCTAGCAC 32413 5757 5273 GUGCUAGC A CGCCUGU 10958 AACAGCCG GCTAGCTACAACGA GCTAGCAC 32414 5871 5159 UCCUCAGC A UCCUCCU 10988 AGGATGGA GGCTAGCTACAACGA GAGCCAAT 32415 5903 5127 AUUGGCUC A UCCUUUCA 10999 TGAAAGGA GGCTAGCTACAACGA GAGCCAAT 32417 5915 5115 AUCCUUCA A UCCUUCA 10993 GTGCAGGG GCTAGCTACAACGA GAACGAT 32418 5922 5108 CACCCUGC A UUAUGACU 10993 GTGCAGGG GGCTAGCTACAACGA GCACAACGA 32421 5952 5078 C	5637	5393	CAUGACAC A UGACAUCA	10925	TGATGTCA GGCTAGCTACAACGA GTGTCATG	32407
5660 5370 UCAUUUCC A UUAUGUUC 10932 GAACATAA GGCTAGCTACAACGA GGAAATGA 32410 5676 5354 CUCUGGGC A CUGCGGAU 10935 ATCCGCAG GGCTAGCTACAACGA GCCCAGAG 32411 5724 5306 CUUCAGCC A UCUCAGCA 10947 TGCTGAGA GGCTAGCTACAACGA GGCTGAGG 32412 5736 5294 CAGCAGCC A CAACCCUG 10952 CAGGTTG GGCTAGCTACAACGA GGCTGCTC 32413 5757 5273 GUGCUAGC A CAACCCUG 10958 AACAGCCG GGCTAGCTACAACGA GGCTGGCA 32414 5871 5159 UCCUCAGC A UCUCAGGU 10982 ACCTGAGA GGCTAGCTACAACGA GCTGAGCA 32415 5903 5127 AUUGGCUC A UCCAUCCU 10988 AGGATGGA GGCTAGCTACAACGA GAGCCAAT 32416 5907 5123 GCUCAUCC A UCCUCACA 10990 TGAAAGGA GGCTAGCTACAACGA GAACGA GAAAGGAT 32416 5925 5115 AUCCUUCA A CCUUGCAC 10993 GTGCAGGG GGCTAGCTACAACGA GAAAGGAT 32418 5925 5078 CGUUGGC A UUAUGACU 11001 AGTCATAA GGCTACAACGA GCAAGGA 32420 5963 5067 AUGACUCC	5642	5388	CACAUGAC A UCAACAAU	10926	ATTGTTGA GGCTAGCTACAACGA GTCATGTG	32408
5676 5354 CUCUGGGC A CUGCGGAU 10935 ATCCGCAG GGCTAGCTACAACGA GCCCAGAG 32411 5724 5306 CUUCAGCC A UCUCAGCA 10947 TGCTGAGA GGCTACAACGA GGCTGAAG 32412 5736 5294 CAGCAGCC A CAACCCUG 10952 CAGGGTTG GGCTAGCTACAACGA GGCTGCTG 32413 5757 5273 GUCUAGC A CGCUGUU 10958 AACAGCCG GGCTAGCTACAACGA GCTGGACC 32415 5871 5159 UCCUCAGC A UCUCAGGU 10988 AGGATGGA GGCTAGCTACAACGA GCTGAGGA 32415 5903 5127 AUUGGCUC A UCCAUCCU 10988 AGGATGGA GGCTAGCTACAACGA GAGCCAAT 32416 5907 5123 GCUCAUCC A UCCUUCA 10990 TGAAGGA GGCTAGCTACAACGA GAAAGGAT 32417 5915 5115 AUCCUUCA 10993 GTGCAGGG GGCTAGCTACAACGA GAAAGGAT 32418 5922 5108 CACCCUGC A CUAUCGCC 10997 CGCGATAG GGCTAGCTACAACGA GCCCAAACG 32420 5963 5067 AUGACUCC A UUACCGUU 11004 TATGGCAA GGCTAGCTACAACGA GGATCAT 32421 5969 5061	5654	5376	ACAAUCUC A UUUCCAUU	10930	AATGGAAA GGCTAGCTACAACGA GAGATTGT	32409
5724 5306 CUUCAGCC A UCUCAGCA 10947 TGCTGAGA GGCTAGCTACAACGA GGCTGAAG 32412 5736 5294 CAGCAGCC A CAACCCUG 10952 CAGGGTTG GGCTAGCTACAACGA GGCTGCTG 32413 5757 5273 GUGCUAGC A CGCCUGUU 10958 AACAGCCG GGCTAGCTACAACGA GCTTAGCAACGA GCTGAGGA 32414 5871 5159 UCCUCAGC A UCUCAUCU 10988 AGGATGGA GGCTAGCTACAACGA GGCGCAAT 32415 5903 5127 AUUGGCUC A UCCUUUCA 10990 TGAAAGGA GGCTAGCTACAACGA GAGCCAAT 32417 5915 5115 AUCCUUUCA A CCCUGCA 10993 GTGCAGGG GGCTAGCTACAACGA GAAAGGAT 32418 5922 5108 CACCCUGCA A UUAUGACU 10997 CGCGATAG GGCTAGCTACAACGA GCCCAACG 32420 5963 5067 AUGACUCCA A UUAUGACU 11001 AGTAGCTACAACGA GGCACAACGA 32422 5982 5048	5660	5370	UCAUUUCC A UUAUGUUC	10932	GAACATAA GGCTAGCTACAACGA GGAAATGA	32410
5736 5294 CAGCAGCC A CAACCCUG 10952 CAGGGTTG GGCTAGCTACAACGA GGCTGCTG 32413 5757 5273 GUGCUAGC A CGGCUGUU 10958 AACAGCCG GGCTAGCTACAACGA GCTAGCAC 32414 5871 5159 UCCUCAGC A UCUCAGGU 10982 ACCTGAGA GGCTAGCTACAACGA GCTGAGGA 32415 5903 5127 AUUGGCUC A UCCUUUCA 10998 AGGATGGA GGCTAGCTACAACGA GAGTAGGC 32416 5907 5123 GCUCAUCC A UCCUUUCA 10990 TGAAAGGA GGCTAGCTACAACGA GAGTAGGC 32417 5915 5115 AUCCUUUC A CCCUGCAC 10993 GTGCAGGG GGCTAGCTACAACGA GAAAGGAT 32418 5922 5108 CACCCUGC A CUAUCGG 10997 CGCGATAG GGCTAGCTACAACGA GCAGGGTG 32429 5952 5078 CGUUGGGC A UUAUGACU 11001 AGTCATAA GGCTACAACGA GCCCAACG 32420 5963 5067 AUGACUCC A UUACACCG 11004 TATGGCAA GGCTACAACGA GGATTAT 32421 5982 5048 GCCAAUCA C AUCACCGU 11010 CGGTAGCTACAACGA GTATTGGC 32422 5987 5043 AUCACACA C AUCACCGU	5676	5354	CUCUGGGC A CUGCGGAU	10935	ATCCGCAG GGCTAGCTACAACGA GCCCAGAG	32411
5757 5273 GUGCUAGC A CGGCUGUU 10958 AACAGCCG GGCTAGCTACAACGA GCTAGCAC 32414 5871 5159 UCCUCAGC A UCUCAGGU 10982 ACCTGAGA GGCTAGCTACAACGA GCTGAGGA 32415 5903 5127 AUUGGCUC A UCCAUCCU 10988 AGGATGGA GGCTAGCTACAACGA GAGCCAAT 32416 5907 5123 GCUCAUCC A UCCUUCA 10990 TGAAAGGA GGCTAGCTACAACGA GAAAGGAC 32417 5915 5115 AUCCUUC A CCUUCACC 10993 GTGCAGGG GGCTAGCTACAACGA GAAAGGAT 32418 5922 5108 CACCCUGC A CUAUCGCG 10997 CGCGATAG GGCTAGCTACAACGA GCAGGGTG 32419 5952 5078 CGUUGGGC A UUAUGACU 11001 AGTCATAA GGCTAGCTACAACGA GCAGAGG 32420 5963 5067 AUGACUCC A UUGCCAUA 11004 TATGGCAA GGCTAGCTACAACGA GGAGTACT 32421 5989 5061 CCAUUGCC A UAAAGCCC 11006 GGCTTAGCTACAACGA GATTGGG 32422 5981 5048 GCCCAAUC A CAUCACCG 11010 CGGTGACTACAACGA GATTGGT 32424 5987 5043 AUCACAUC A UCACCGUU	5724	5306	CUUCAGCC A UCUCAGCA	10947	TGCTGAGA GGCTAGCTACAACGA GGCTGAAG	32412
5757 5273 GUGCUAGC A CGGCUGUU 10958 AACAGCCG GGCTAGCTACAACGA GCTAGCAC 32414 5871 5159 UCCUCAGC A UCUCAGGU 10982 ACCTGAGA GGCTAGCTACAACGA GCTGAGGA 32415 5903 5127 AUUGGCUC A UCCAUCCU 10988 AGGATGGA GGCTAGCTACAACGA GAGCCAAT 32416 5907 5123 GCUCAUCC A UCCUUCA 10990 TGAAAGGA GGCTAGCTACAACGA GAAAGGAT 32417 5915 5115 AUCCUUCA A CCCUGCAC 10993 GTGCAGGG GGCTAGCTACAACGA GAAAGGAT 32418 5922 5108 CACCCUGC A CUAUGCG 10997 CGGGATAG GGCTAGCTACAACGA GAAAGGAT 32421 5952 5078 CGUUGGC A UUAUGACU 11001 AGTCATAA GGCTAGCTACAACGA GCCCAACG 32420 5963 5067 AUGACUCC A UUGCCAUA 11004 TATGGCAA GGCTAGCTACAACGA GGAGTCAT 32421 5989 5061 CCAUUGCC A UCACCGUI 11016 GGGCTAGCTACAACGA GATTGGGC 32423 5984 5046 CCAAUCAC A UCACCGUI 11011 AACAACGG GGCTAGCTACAACGA GATTGGG 32424 5987 5043 AUCACCAUC A CUAUUGU </td <td>5736</td> <td>5294</td> <td>CAGCAGCC A CAACCCUG</td> <td>10952</td> <td>CAGGGTTG GGCTAGCTACAACGA GGCTGCTG</td> <td>32413</td>	5736	5294	CAGCAGCC A CAACCCUG	10952	CAGGGTTG GGCTAGCTACAACGA GGCTGCTG	32413
5871 5159 UCCUCAGC A UCUCAGGU 10982 ACCTGAGA GGCTACCACACGA GCTGAGGA 32415 5903 5127 AUUGGCUC A UCCAUCCU 10988 AGGATGGA GGCTACCACACGA GAGCCAAT 32416 5907 5123 GCUCAUCC A UCCUUUCA 10990 TGARAGGA GGCTAGCTACAACGA GAAAGGAT 32417 5915 5115 AUCCUUUC A CCCUGCAC 10993 GTGCAGGG GGCTAGCTACAACGA GAAAGGAT 32418 5922 5108 CACCCUGC A CUAUCGCG 10997 CGCGATAG GGCTAGCTACAACGA GCACGAGGT 32429 5952 5078 CGUUGGGC A UUAUGACU 11001 AGTCATAA GGCTAGCTACAACGA GCACACG 32420 5963 5067 AUGACAUC A UUGCCAU 11004 TATGGCAA GGCTAGCTACAACGA GGAATGG 32421 5969 5061 CCAUUGCC A UAAAGCCC 11006 GGCTATACTACAACGA GGATTGGG 32423 5984 5048 GCCCAAUC A CAUCACCG 11010 CGGTGATG GGCTAACTACAACGA GTGTTTGG 32424 5987 5043 AUCACAUC A CCGUUUU 11011 AACAATGG GGCTAGCTACAACGA GACTTTGG 32425 6000 5030 UUUUGAC			GUGCUAGC A CGGCUGUU	10958	AACAGCCG GGCTAGCTACAACGA GCTAGCAC	32414
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	6243	4787	CUCCGCUC A UCAAAGCG	11085	CGCTTTGA GGCTAGCTACAACGA GAGCGGAG	32436

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6287 4743 USGANARC A CUUCANC. 11092 GTRANGG GGCTAGCTACAGGA GTTTTCCA 32437 6297 4733 CUUCANCE A UCROSCOCCU 11099 AGGGGGG GGCTAGCTACAGGA GGTTTAGC 32439 6200 4730 CARCCAUC A COCCCCCCU 11098 AGCGGGGGGGGGGCAGCTACAGGA GGTTTCCT 32439 6201 4789 AGGGGGCC A CAGAUCAU 11110 AGGGGGGGGGTAGCTACAGGA GGGTGCT 32439 6214 4698 AGGGGGCC A CAGAUCAU 11110 AGGGGGGACAGAGAAGAGA GATGCTGT 32441 6214 4698 CACGAGGC AGACGCC 11125 GGGTTTGT GGCTAGCTACAGGA GGGCGCTGT 32441 6214 4619 CCCCCAGAC A CGCCCCCU 11127 AGAGGGG GGCTAGCTACAGGA GGCACAT 32441 6214 4619 CCCCCAGAC A CGCCCCCU 11144 GGGTTTGT GGCTAGCTACAGGA GGCTACCT 32441 62507 4923 GACGACC A UUCUGAGC 11146 CCCCGAGA GGCTAGCTACAGGA GGTTGTGT 32445 62507 4923 GACGACC A UUCUGAGC 11146 CCCCGAGA GGCTAGCTACAGAGA GGTTCAGCT 32445 62507 4514 UUCCAGAC A UCCUAUGA 11159 GANANTA GGCTAGCTACAGAGA GGTTCAGCT 32445 62507 4515 GAGGAUCC A UUCUGAGC 11152 GANANTA GGCTAGCTACAGAGA GGTTCAGCT 32447 62507 4451 GAUCAUGC A UCAUCAGA 11159 GANANTA GGCTAGCTACAGAGA GATCCAGG 32447 62507 4451 AGUCAUCC A UCAUCAGC 11161 GANANTA GGCTAGCTACAGAGA GATCCAGG 32447 62507 4451 AGUCAUCC A UCAUCAGC 11161 GATCAGTA GGCTAGCTACAGAGA GATCCAGG 32449 62507 4451 AUUCUGAGC A UCAUCAGC 11161 GATCAGTA GGCTAGCTACAGAGA GATCCAGG 32449 62507 4451 AUUCUGAGC A UCAUCAGC 11161 GATCAGTA GGCTAGCTACAGAGA GATCCAGG 32449 62507 4451 AUUCUGAGC A UCAUCAGC 11164 GATCAGTA GGCTAGCTACAGAGA GATCCAGG 32449 62507 4451 AUUCUGAGC A UCAUCAGC 11165 GATCAGTA GGCTAGCTACAGAGA GATCCAGG 62507 4451 AUUCUGAGC A UUCCAUCC 11169 GATCAGTA GGCTAGCTACAGAGA GATCCAGG 62507 4451 AUUCUGAGC A UUCCAGCC 11165 GATCAGAG GAGCTACAGAGA GATCAGGA 62507 4451 AUUCUGAGC A UUCCAGCC 11165 GATCAGAG GAGCTACAGAGA GATCAGGA 62507 4451 AUUCUGAGC A UUCCAGCC 11165 GAGCTAGA GAGCAGCTACAGAGA GATCAGGA 62508 4454 AUUCUGAGC A UUCCAGCC 11165 GAGCTAGA GAGCA	****	02/00803/				
1927 4733	6287	4743	UGGAAAAC A CCUUCAAC	11092	GTTGAAGG GGCTAGCTACAACGA GTTTTCCA	32437
1930 4730 CARCENUE A COCCOCCU 11988 ACCORGE GECTAGCTACARGA GATGETTC 32439		4733	CUUCAACC A UCACGCCC	11097	GGGCGTGA GGCTAGCTACAACGA GGTTGAAG	32438
1332 4695				11098	AGCGGGCG GGCTAGCTACAACGA GATGGTTG	32439
1342 4688 CACARGUIC A UGAUCCUS 11111 CARGARTCA GOCTACATACARCA GARCTOSTS 32441 14619 CCCACARA & GOCURCO 11127 GOSTOTTO GOCTAGATACARCAG GOGURACT 32442 14619 ASSES GRUSTOGGE & CUBARIOGE 11148 GOCTAGAG GOCTAGACTACARCAG GOTTAGAC 32444 14619 ASSES GRUSTOGGE & CUBARIOGE 11148 GOCTAGAG GOCTAGACTACARCAG GOTTAGAC 32444 14619 ASSES GRUSTOGGE & CUBARIOGE 11148 GOCTAGAG GOCTAGACTACARCAG GOTTAGAC 32444 14610 AGRACIAC & UUCUGAGC 11158 GORAGARA GOCTAGACTACARCAG GOTTAGAC 32445 14611 GARCARICC & UUCUGAGC 11159 GORAGARA GOCTAGACTACARCAG GOTTAGAC 32445 14612 GARCARICC & UUCUGAGC 11157 GORAGARA GOCTAGACTACARCAG GOTTAGAC 32445 14613 GARCARICC & UUCUGAGC 11159 GORAGARTA GOCTAGACTACARCAG GOTTAGAC 32445 14614 GARCARIUCC & UUCUGAGC 11156 GORAGARTA GOCTAGACTACARCAG GARCAGAT 32445 14654 ASSES ASSE			AGCAGCCC A CGAGUCAU	11110	ATGACTCG GGCTAGCTACAACGA GGGCTGCT	32440
64011 4619	-		CACGAGUC A UGAUCCUG	11111	CAGGATCA GGCTAGCTACAACGA GACTCGTG	32441
6489 6452 GIUGIGGE CUIDAGGE 11146 GCORTAGG GCTRACTACARAGA GITTIGGG 32444 6507 4523 GIUGIGGE CUIDAGGE 11146 GCORTAGG GCTRACTACARAGA GGTTACT 22445 6516 4514 UUCUGRACE UUCUGRACE 11146 GCORTAGG GCTRACTACARAGA GGTTACT 22445 6520 4510 GRACAGCE UUCUGRACE 11152 GRARAGAGA GGTTACTACARAGA GGTTACT 22445 6521 4510 GRACAGCE UUCUGRACE 11152 GRARAGAGA GGTTACTACARAGA GGTTACTACARAGA 60740CT 22445 6545 4461 GRADAUUC A UUCUGRACE 11152 GRARAGATA GGCTRACTACARAGA GATCCTAGG 22446 6549 4461 GRADAUUC A UUCUGRACE 11165 CORGCTAG GGCTRACTACARAGA GATCATC 32445 6556 4464 ARGURUCC A UCAUCAUC 11163 GATGATGA GGCTRACTACARAGA GATCATC 32445 65569 4461 UUUCCAUC A UCAUCAUC 11164 GATGATGA GGCTRACTACARAGA GATCATAC 32450 6572 4458 CCAUCAUC A UCAUCAUC 11165 GATGATGA GGCTRACTACARAGA GATCATAC 32451 6582 4446 CARGAGGC CAUCACACAC 11165 COGCTTAG GGCTRACTACARAGA GATCATATG 32451 6584 4446 ARGCGCAC A UCARAGACCU 11169 AGRATTCAT GACTACTACARAGA GATCATATG 32451 6585 4311 AUUUGUGA U UCAUCAUC 11169 AGRATTCAT GACTACTACARAGA GATCATATG 32452 6581 4411 AUUUGUGA U UCAUCAUC 11169 AGRATTCAT GACTACTACARAGA GATCATAT 32455 6585 4373 CULCARAUC AUUUGUGU 11178 TOGGARAG GCTRACTACARAGA GATCATAT 32455 6585 4373 CULCARAUC AUUUGUGU 11178 TOGGARAG GCTRACTACARAGA GATCATAT 32455 6691 4334 CARCARAC UGAGCCCC 11169 AGRATTA GGCTRACTACARAGA GATCATAC 32456 6692 4334 CARCARAC UGAGCCCC 11198 GGGCTCA GCTRACTACARAGA GATTCATC 32459 6793 4238 CARCARAC UGAGCCCC 11198 GGGCTCA GCTRACTACARAGA GATTCATC 32450 6794 4316 CARCARAC UGAGCCCC 11198 GGGCTRACTACARAGA GATTCATC 32450 6795 4238 CARCARAC UGAGCCCC 11198 GGGCTRACTACARAGA GATTCATC 32450 6796 4334 CARCARAC UGAGCCCC 11198 GGGCTRACTACARAGA GATTCATC 32450 6797 4259 UGAGCARAC UUGAGAUC 11202 CATCCCCA GCCTRACTACARAGA GATTCATC 32450 6797				11125	GCGTGTTG GGCTAGCTACAACGA GGGACACT	32442
6507 4523 GARCARCE A DUCIDAGE 111144 GODATTAG GGCTAGCTACAACGA GGGTACAC 22445 6507 4523 GARCARCE A DUCIDAGE 11159 GCTAGARA GGCTAGCTACAACGA GGTCTACT 22445 6526 4514 UUCUGAGC A UCCAUAUC 11159 GCTAGARA GGCTAGCTACAACGA GGTCTAGCA 22446 6526 4516 GARCARGE A DUCIDAGE 11159 GCTAGARA GGCTAGCTACAACGA GGTCAGCTACAACGA 6526 4455 CCUGGAUC A UUCUGAGCA 11159 CTCATGARA GGCTAGCTACAACGA GATCCAGG 32448 6549 4461 GAUCAUUC A UCAUCUAC 11166 GATGATGA GGCTAGCTACAACGA GATCCAGG 32448 6569 4461 UUUCCAUC A UCAUCUAC 11166 GATGATGA GGCTAGCTACAACGA GATACTAG 32448 6569 4461 UUUCCAUC A UCAUCAACG 11166 GGCTTAGCTACAACGA GGATACTT 32450 6572 4458 CCAUCAUC A UCAACACG 11166 GGCTTAGCTACAACGA GGATACTT 32450 6572 4458 CCAUCAUC A UCAACACGC 11166 GGCTTAGCTACAACGA GGATACTT 32451 6582 4446 AGCGCGCAC A UCAACACCU 11168 AGTTCATGA GGCTAGCTACAACGA GATACTAG 32452 6582 4446 AGCGCGCAC A UCAACACCU 11168 AGTTCATGA GGCTAGCTACAACGA GATACTAG 32452 6582 4446 AGCGCGCAC A UCAACACCU 11167 AGAAGTAA GGCTAGCTACAACGA GATACTAG 32454 6657 4413 AUUUCUCC A UCACUUUC 11177 GAAAGTAA GGCTAGCTACAACGA GTGCGCTAC 32454 6657 4375 CUCAAUCC A CUUACUCCA 11197 AGAAGTAA GGCTAGCTACAACGA GTGCGCTAC 32454 6655 4375 CUCAAUCC A CUUACUCCA 11197 AGAAGTAA GGCTAGCTACAACGA GATCTAGA GTGCAGCTACAACGA GATTCAGA GATACACCA 32456 6655 4334 CUGACUUC A CUUACUCCCA 11197 AGAAGTAA GGCTAGCTACAACGA GATTCAG 32456 6656 4334 CUGACUUC A CUUACUCCA 11197 AGAAGTAA GGCTAGCTACAACGA GATCTACA GATACACCA 11197 AGAAGTAA GATCTACAACGA GATTCAGA GATCTACA GATACACCA 11197 AGAAGTAA GATCTACAACGA GATCTACA GATCAACCA 11197 AGAAGTAA GATCAACCA 11197 AGAAGCA 11197 AGAAGCA					AGGAGGCG GGCTAGCTACAACGA GTTGTGGG	32443
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6789 4241 CAGCUGUC A UCACUUCA 11220 TGAAGTGA GGCTAGCTACAACGA GACAGCTG 6792 4238 CUGUCAUC A CUUCAGUU 11221 AACTGAAG GGCTAGCTACAACGA GACAGCTG 6808 4222 UGCGGGCC A UCCGCGUU 11225 AACGGGGA GGCTAGCTACAACGA GACCCGCA 6330 4200 UUGGGAUC A CAUGCAAU 11227 ATTGCATG GGCTAGCTACAACGA GGCCCGCA 32466 6830 4200 UUGGGAUC A UGCGAAUCA 11228 TGATTGCA GGCTAGCTACAACGA GATCCCAA 6832 4198 GGGAUCAC A UGCGAGUC 11228 TGATTGCA GGCTAGCTACAACGA GATCCCCAA 6835 4172 CAAGGAUC A UGGGGUU 11235 CAACCCCAC GGCTAGCTACAACGA GTACTCCT 6846 4172 CAAGGAUC A UGGGGUU 11235 CAACCCCAC GGCTAGCTACAACGA GATCCTTG 6846 4172 CAAGGAUC A UGGGGUU 11235 CAACCCCAC GGCTAGCTACAACGA GATCCTTG 6846 4101 GCCAGCUGC A CUCCUCUU 11250 AAGAGGAG GGCTAGCTACAACGA GCTTGGCT 6847 4041 UUCCGACC A UCACAGAC 6858 4172 CAAUCCAGA GGCTAGCTACAACGA GCTGGCT 6859 4041 UUCCGACC A UCACAGAC 6859 4041 UUCCGACC A UCACAGAC 6850 4054 UUCCGACC A UCACAGAC 6850 4054 UUCCAGAC A UCCAGAUU 11270 AACTGGAG GGCTAGCTACAACGA GTACCAGA 6857 4043 UCCUGUACA C A UCCAGAUU 11271 TCTGGATG GGCTAGCTACAACGA GTACAGA 6859 4041 CUGUACAC A UCCAGAUU 11271 TCTGGATG GGCTAGCTACAACGA GTACAGA 67003 4027 AUUCAAGC A UCCAGAUU 11270 AACTGGAG GGCTAGCTACAACGA GTTCAAC 67003 4027 AUUCAAGC A UCCAGACU 11256 GGCTGAGA GGCTAGCTACAACGA GTTGAT 67003 3947 UCAGUACA A UCCAGACU 11256 ATCAAACG GGCTAGCTACAACGA GTTGAT 67003 3947 UCAGUACA A UCCAGACU 11290 AGCTTGAA GGCTAGCTACAACGA GTTGAT 7110 3920 AAUUCAAC A UCCAGGCU 11290 AGCTTGAACGA GGCTAGCTACAACGA GTTGATT 7112 3918 UUCAACAC A UCCAGGCU 11290 ACCTGATG GGCTAGCTACAACGA GTTGATT 7112 3918 UUCAACAC A UCCAGGCU 11290 ACCTGATG GGCTAGCTACAACGA GTTGATT 7112 3918 UUCAACAC A UCAGGGG 11298 CCCTGATG GGCTAGCTACAACGA GTTGATT 7182 3848 CCGCAACA UUUGAAAG 11306 TATCAGGA GGCTAGCTACAACGA GTTGATT 7182 3848 CCGCCACA UUUGAAAG 11306 TATCAGGA GGCTAGCTACAACGA GTTGATT 7182 3848 CCGCCACA UUGAAAC 11330 TTTGTTGA GGCTAGCTACAACGA GTTGAGTA 7240 3848 CCGCCACA UUGAAAC 11324 GTTTATGA GGCTAGCTACAACGA GTTGACAC 7240 3848 CCGCCACA UAAACCA 11324 GTTTATGA GGCTAGCTACAACGA GTTGACAC 7241 3788 CCGCACAC A UCAGCGUU 11331 GGCGCTA GGCTAGCTACAACGA GTTGACTC 724	6726	4304	GAAUGGCC A UGGAGUCA	11204	TGACTCCA GGCTAGCTACAACGA GGCCATTC	32462
6792 4238 CUGUCAUC A CUUCAGUU 11221 AACTGAAG GGCTAGCTACAACGA GATGACAG 6808 4222 UGCGGGCC A UCCGCGUU 11225 AACGGGGA GGCTAGCTACAACGA GGCCCGCA 32466 6830 4200 UUGGGAUC A CAUGCAAU 11227 ATTGCATG GGCTAGCTACAACGA GGCCCGCA 32466 6832 4198 GGGAUCAC A UGCAAUCA 11228 TGATTGCA GGCTAGCTACAACGA GTCCCCAA 32467 6832 4198 GGGAUCAC A UGCAAUCA 11228 TGATTGCA GGCTAGCTACAACGA GTCACCCAA 32468 6858 4172 CAAGGAUC A UGGGAUCA 11228 TGATTGCA GGCTAGCTACAACGA GTCATCCC 32468 6858 4172 CAAGGAUC A UAGCAACA 11228 CAACCCCA GGCTAGCTACAACGA GTCATCCTG 32469 6895 4135 AGCCAAGC A UAGCAGAC 11241 GTCTGCTA GGCTAGCTACAACGA GCTTGGCT 32470 6929 4101 GCCGCCC A UCAACAGC 11250 AAGAGGAG GGCTAGCTACAACGA GCTGGCT 32471 6966 4064 UUCCGACC A UCAACAGC 11255 GCTGTTGA GGCTAGCTACAACGA GGTCGGAC 32471 6987 4043 UCCUGUAC A CUCCUCUU 11250 AAGAGGAG GGCTAGCTACAACGA GGTCAGGA 32472 6987 4043 UCCUGUAC A UCCAGAU 11272 AATCTGGA GGCTAGCTACAACGA GTCAGAA 32472 7003 4027 AUUCAAGC A UCCAGAU 11272 AATCTGGA GGCTAGCTACAACGA GTTACAACGA GTTACAACGA GTACAACA A UCCAGAU 11222 AATCTGGA GGCTAGCTACAACGA GTTACAACGA GTTACAACGA GTACAACA A UCCAGACU 11220 AACTTGGA GGCTAGCTACAACGA GTTACAACGA GTTACAACGA GTACAACA A UCCAGACA UCCAGACU 11290 AGCTTGGA GGCTAGCTACAACGA GTTACATCGA 32477 7083 3947 UCCAGUUCA UCCAAGCU 11290 AGCTTGGA GGCTAGCTACAACGA GTTACATCGA 32477 7110 3920 AAUUCAACA A UCCAGGGU 11290 ACCTTGGA GGCTAGCTACAACGA GTTACATCGA 32477 7110 3920 AAUUCAACA A UCCAGGGAU 11290 ACCTTGAA GGCTAGCTACAACGA GTTACATCGA 32477 7112 3918 UUCAACACA A UCCAGGGAU 11290 ACCTTGAA GGCTAGCTACAACGA GTTACATCGA 7110 7110 7110 7110 7110 7110 7110 711	6771	4259	UGGCAAAC A UUAGGCCG	11216	CGGCCTAA GGCTAGCTACAACGA GTTTGCCA	32463
6808 4222 UGCGGGCC A UCCGCGUU 11225 AACGCGGA GGCTAGCTACAACGA GGCCCGCA 32466 6830 4200 UUGGGGUC A CAUGCAAU 11227 ATTGCATG GGCTAGCTACAACGA GATCCCAA 32467 6832 4198 GGGAUCAC A UGCAAUCA 11228 TGATTGCA GGCTAGCTACAACGA GATCCCAA 32468 6858 4172 CAAGGAUC A UGGGGUUG 11235 CAACCCCA GGCTAGCTACAACGA GATCCTG 32469 6895 4135 AGCCAAGC A UAGCAGAC 11241 GTCTGCTA GGCTAGCTACAACGA GATCCTG 32469 6895 4135 AGCCAAGC A UAGCAGAC 11241 GTCTGCTA GGCTAGCTACAACGA GATCCTG 32470 6929 4101 GCAGCUGC A CUCCUCUU 11250 AAGAGGAG GGCTAGCTACAACGA GCTGGCTG 32471 6966 4064 UUCCGACC A UCAACAGC 11265 GCTGTGTA GACCAACGA GCAGCTGC 32471 6967 4043 UCCUGUAC A CAUCCAGA 11271 TCTGGATG GGCTAGCTACAACGA GCTAGGAA 32472 6989 4041 CUGUACAC A UCCAGAUU 11272 TATCTGGA GGCTAGCTACAACGA GTCACAGGA 32473 6989 4041 CUGUACAC A UCCAGAUU 11272 TATCTGGA GGCTAGCTACAACGA GTCACAGG 32473 7003 4027 AUUCAAGC A UCCAGGU 11276 GGCTGAGA GGCTAGCTACAACGA GTCTACAACGA GTCACAGA 32474 7003 3947 UCAGUACAC A UCCAGGU 11296 ATCAAACG GGCTAGCTACAACGA GTTGTACA 32476 7063 3947 UCAGUACA A UCCAGGG 11296 ATCAAACG GGCTAGCTACAACGA GTTGTACA 32476 7110 3920 AAUUCAACA C AUCCAGGG 11290 ACCTGGAG GGCTAGCTACAACGA GTTGTACA 32477 71110 3920 AAUUCAACA C AUCCAGGG 11290 ACCTGGAG GGCTAGCTACAACGA GTTGTACA 32477 7112 3918 UUCAACAC A UCCAGGG 11299 ATCCCTGATG GGCTAGCTACAACGA GTTGAATT 32478 7112 3918 UUCAACAC A UCCAGGG 11299 ATCCCTGATG GGCTAGCTACAACGA GTTGAATT 32478 7158 38672 GAUAAGCC A UUCAACAAA 11313 TTTGTTGA GGCTAGCTACAACGA GCGCCCC 32480 7158 3868 CCGCCAAC A UCAACAAA 11313 TTTGTTGA GGCTAGCTACAACGA GCGCTCCA 32481 7210 3820 GUUGGUCC A UCUCGCUU 11320 AAGCGAGA GGCTACCTACAACGA GCGCTCCA 32481 7221 3820 GUUGGUCC A UCUCGCUU 11320 AGCGAGA GGCTACCTACAACGA GCGCTCCT 32481 7221 3788 CCAUAAAC C CUCAGCUU 11326 AGTGTTTA GGCTACCAACGA GGCCCCC 32482 7221 3789 CCAUAAAC A CAUCAGGG 11331 GGCCTCA GGCTACCAACGA GGCCCCC 32487 7243 3797 ACCGUGCC A CAUAAAC 11324 GTTTATGG GGCTAGCTACAACGA GGCCCCC 32487 7243 3797 ACGAUGCC A CAUAACA 11324 GTTTATGG GGCTAGCTACAACGA GGCCCCT 32487 7246 3788 CCAUAACA C AUCAGGGU 11335 AGGAGAG GGCTAGCTACAACGA GTTCATCG 32481 7	6789	4241	CAGCUGUC A UCACUUCA	11220	TGAAGTGA GGCTAGCTACAACGA GACAGCTG	32464
6830 4200 UUGGGAUC A CAUGCAAU 11227 ATTGCATG GCTAGCTACAACGA GATCCCAA 32467 6832 4198 GGGAUCAC A UGCAAUCA 11228 TGATTGCA GGCTAGCTACAACGA GATCCCCA 24668 6858 4172 CAAGGAUC A UGCGAUUG 11235 CAACCCCA GGCTAGCTACAACGA GATCCTTG 32469 6895 4135 AGCCAAGC A UGCGCUUU 11250 CAACCCCA GGCTAGCTACAACGA GATCCTTG 32470 6929 4101 GCAGCUGC A CUCCUCUU 11250 AAGAGGAG GGCTAGCTACAACGA GCTGGCT 32471 6966 4064 UUCCGACC A UCAACAGC 11265 GCTGTTGA GGCTAGCTACAACGA GCAGCTGC 32471 6987 4043 UCCUGGUCA CACCCCAGA 11271 TCTGGATG GGCTAGCTACAACGA GTCGAGA 32473 6989 4041 CUGUACAC A UCCAGAUU 11272 AATCTGGA GGCTAGCTACAACGA GTCACAGG 32474 7003 4027 AUUCAAGC A UCCAGAUU 11272 AATCTGGA GGCTAGCTACAACGA GTCACAGG 32474 7004 3986 GAACAACC A CUUCAGCC 11276 GGCTAGAG GGCTAGCTACAACGA GTTCAAGG 32477 7044 3986 GAACAACC A CUUCAGCC 11276 GGCTAGAG GGCTAGCTACAACGA GTTGAAT 32475 7053 3947 UCAGUAUCA UCCAGAGU 11286 ATCAAACG GGCTAGCTACAACGA GTTGTAT 32476 7013 3920 AAUUCAAC A CUCAGGGU 11290 AGCTTGGA GGCTAGCTACAACGA GTTGTAT 32476 7110 3920 AAUUCAACA A CAUCAGGG 11299 ACCCTGA GGCTAGCTACAACGA GTTGTAT 32476 7112 3918 UUCAACACA C UCGAGGU 11290 AGCTTGGA GGCTAGCTACAACGA GTTGAAT 32477 7145 3885 UGGCGGGC A UCGUGAUA 11396 TATCACGA GGCTAGCTACAACGA GTTGTAGA 32477 7168 3872 GAUAAGCC A UUGAAGAA 11310 TATCACGA GGCTAGCTACAACGA GCCCGCCA 32480 7158 3872 GAUAAGCC A UUGAAGAA 11313 TTTGTTGA GGCTAGCTACAACGA GCCCGCCA 32480 7210 3820 GUUGGUCC A UCUCCCUU 11320 AAGCGAGA GCTAGCTACAACGA GCCCGCCA 32481 7233 3797 ACGAUGCC A CAUCACAAA 11313 TTTGTTGA GGCTAGCTACAACGA GCCGGCA 32481 7233 3797 ACGAUGCC A CAUCACAA 11336 GCTAGCTACAACGA GCCGCCA 32483 7233 3797 ACGAUGCC A CUCCCCUU 11326 AGGGTAG GGCTAGCTACAACGA GCGCGCCA 32483 7242 3788 CCACCAACA UCGCUU 11326 AGGGTAG GGCTAGCTACAACGA GTTTGTGG 32483 7242 3788 CCACCAACA UCGCUU 11336 AGGGTAG GGCTAGCTACAACGA GTTTATGG 32481 7244 3746 AGGUGACC A CAGGAUU 11347 CACCTGG GGCTAGCTACAACGA GGCGACCT 32483 7359 ACGAUGCC A CAGAGAU 11336 GCGCTAGCTACAACGA GGCGACCT 32483 7369 AAGAUGAC A CAGCAGAU 11336 GCGCACCA GGCTAGCTACAACGA GTTATCGC 32497 7344 3666 AGGUAACA C ACGAGGAU 11335 CACCGAG G	6792	4238	CUGUCAUC A CUUCAGUU	11221	AACTGAAG GGCTAGCTACAACGA GATGACAG	32465
6832 4198 GGGAUCAC A UGCAAUCA 11228 TGATTGCA GGCTAGCTACAACGA GTGATCCC 32468 6858 4172 CAAGGAUC A UGGGGUUG 11235 CAACCCCA GGCTAGCTACAACGA GATCCTTG 32469 6895 4135 AGCCAAGC A UAGCAGAC 11241 GTCTGCTA GGCTAGCTACAACGA GCTGGCTT 32470 6929 4101 GCAGCUGC A CUCCUCUU 11250 AAGAGGAG GGCTAGCTACAACGA GCAGCTTGC 32471 6966 4064 UUCCGACC A UCAACAGC 11265 GCTGTTGA GGCTAGCTACAACGA GCAGCTTC 32471 6987 4043 UCCUGUIAC A CAUCCAGA 11271 TCTGGATG GGCTAGCTACAACGA GGTGGGAA 32473 6989 4041 CUGUACAC A UCCAGAUU 11272 AATCTGGA GGCTAGCTACAACGA GTGCAAGGA 32473 7003 4027 AUUCAAGC A UCCAGAUU 11272 AATCTGGA GGCTAGCTACAACGA GTGTACAG 32474 7003 4027 AUUCAAGC A UCCAGACU 11276 GGCTGAGA GGCTAGCTACAACGA GTTGAAGA 32475 7044 3986 GAACAACC A CGUUUGAU 11296 ATCAAACG GGCTAGCTACAACGA GTTGAACG 32476 7083 3947 UCAGUUACAC A UCCAGGCU 11290 AGCTTGGA GGCTAGCTACAACGA GTTGAACG 32476 7110 3920 AAUUCAAC A CAUCAGGG 11298 CCCTGATG GGCTAGCTACAACGA GTTGAAT 32476 7111 3918 UUCAACAC A UCCAGGGU 11299 ATCCCTGA GGCTAGCTACAACGA GTTGAAT 32476 7112 3918 UUCAACAC A UCAGGGAU 11299 ATCCCTGA GGCTAGCTACAACGA GTTGAAT 32477 7145 3885 UGGCGGGC A UUGAAAGA 11306 TATCACGA GGCTAGCTACAACGA GCTTGAAT 32477 7182 3848 CCGCCAAC A UUCAACAGA 11313 TTTGTTGA GGCTAGCTACAACGA GCCTGCCA 32480 7210 3820 GUUGGUCC A UUCACACAA 11313 TTTGTTGA GGCTAGCTACAACGA GGCTAGCTACCA 7233 3797 ACGAUGCC A UCAACAAA 11324 GTTTATGA GGCTAGCTACAACGA GGCTAGCT 7242 3788 CCAUAAAC A UUGAACAC 11324 GTTTATGG GGCTAGCTACAACGA GGCACAC 32483 7233 3797 ACGAUGCC A CCAUAAAC 11324 GTTTATGG GGCTAGCTACAACGA GGCACAC 32486 7266 3764 AGGUCCC A UCAACACU 11326 AGTCTATA GGCTAGCTACAACGA GGCACAC 32486 7266 3764 AGGUCCC A CCAUAACC 11326 GTTGACA GGCTAGCTACAACGA GGCGCAC 32486 7266 3764 AGGUCCA C AUAACACC 11326 GTTGACACGA GGCTACAACGA GGCGCAC 32487 7233 3797 ACGAUGCC A CCAUGAUG 11327 ACAACCAG GGCTACAACGA GGCGCACT 32486 7266 3764 AGGUCACA A UCACGUUCU 11335 AGGACG GGCTACAACGA GGCGCACT 32486 7266 3764 AGGUCACA A UCACGUUCU 11335 AGGACAC GGCTACAACGA GTTGACAC GGCGACCT 32489 7334 3696 AAGAUGAC A UAACACC 11326 AGGCTACAACGA GGCTACAACGA GTTGACAC 32489 7344 3686 AGCC	6808	4222	UGCGGGCC A UCCGCGUU	11225	AACGCGGA GGCTAGCTACAACGA GGCCCGCA	32466
6858 4172 CAAGGAUC A UGGGGUUG 11235 CAACCCCA GGCTAGCTACAACGA GATCCTTG 32469 6859 4135 AGCCAAGC A UAGCAGAC 11241 GTCTGCTA GGCTAGCTACAACGA GCTTGGCT 32470 6929 4101 GCAGCUGC A CUCCUCUU 11250 AAGAGGAG GGCTAGCTACAACGA GCTTGGCT 32471 6966 4064 UUCCGACC A UCAACAGC 11265 GCTGTTGA GGCTAGCTACAACGA GCTGCCACACGA 32472 6987 4043 UCCUGUAC A CAUCCAGA 11271 TCTGGATG GGCTAGCTACAACGA GTCCAGGA 32473 6989 4041 CUGUACAC A UCCAGAU 11272 AATCTGGA GGCTAGCTACAACGA GTTCAAGGA 32473 7003 4027 AUUCAAGC A UCCAGAUU 11276 GGCTGAGAA GGCTAGCTACAACGA GTGTACAG 32474 7003 4027 AUUCAAGC A UCCAGGUU 11276 GGCTGAGAA GGCTAGCTACAACGA GTTGTACAG 32476 7083 3947 UCAGUACA C AUCCAGGU 11296 ATCAAACG GGCTAGCTACAACGA GTTGTACA 32476 7110 3920 AAUUCAAC A UCCAGGGU 11290 AGCTTGGA GGCTAGCTACAACGA GTTGTAC 32477 7110 3920 AAUUCAAC A CAUCAGGG 11290 AGCTTGGA GGCTAGCTACAACGA GTTGAAT 32478 7112 3918 UUCAACACA A UCAGGGAU 11299 ACCCTGAT GGCTAGCTACAACGA GTTGAAT 32478 7112 3918 UUCAACACA A UCAGGGAU 11299 ATCCCTGA GGCTAGCTACAACGA GTTGAATT 32478 7182 3848 CCGCCACA UCAACAA 113106 TATCACGA GGCTAGCTACAACGA GTGTTGAA 32479 7182 3848 CCGCCACA UUAACAAA 11313 TTTGTTGA GGCTAGCTACAACGA GTGTGAAC 32481 7233 3797 ACGAUGCC A UUACACAA 11313 TTTGTTGA GGCTAGCTACAACGA GTTGGAC 32482 7210 3820 GUUGGUCC A UCUCGCUU 11320 AACGACA GGCTAGCTACAACGA GTTGGCGG 7242 3788 CCCAUAAAC 11324 GTTTATGG GGCTAGCTACAACGA GTTGGCGG 32482 7233 3797 ACGAUGCC A UAAACACU 11326 AGCGACA GGCTAGCTACAACGA GTTGGCGG 32482 7233 3797 ACGAUGCC A UAAACACU 11326 AGCGACA GGCTAGCTACAACGA GTTGGCGA 32483 7233 3797 ACGAUGCC A UGAGCAC 11321 GGCCTGCTACAACGA GGCTAGCTACAACGA GTTGCGCA 7242 3788 CCAUAAAC A CUGGUUGU 11327 ACAACCAG GGCTAGCTACAACGA GTTGCATC 7242 3788 CCAUAACC A UGAGCAC 11326 AGCGACA GGCTAGCTACAACGA GTTGCATC 7244 3766 AGGUACAC A UGAGCAC 11331 GGCCTCCA GGCTAGCTACAACGA GTTGCATC 7246 3764 AGGUACAC A UGAGCAC 11331 GGCCTCCA GGCTAGCTACAACGA GTTGCATC 7248 3746 AGGUACAC A UGAGCAC 11331 GGCCTCCA GGCTAGCTACAACGA GTTGCATC 7248 3746 AGGUACAC A UGAGCAC 11331 GGCCTCCA GGCTAGCTACAACGA GTTGCTC 7248 3746 AGGUACAC A UGAGCAC 11331 GGCCTCCA GGCTAGCTACA	6830	4200	UUGGGAUC A CAUGCAAU	11227	ATTGCATG GGCTAGCTACAACGA GATCCCAA	32467
6858 4172 CAAGGAUC A UGGGGUUG 11235 CAACCCCA GGCTAGCTAACAA GATCCTTG 32469 6895 4135 AGCCAAGC A UAGCAGAC 11241 GTCTGCTA GGCTAGCTACAACGA GCTTGGCT 22470 6929 4101 GCAGCUGC A CUCCUCUU 11250 AAGAGGAG GGCTAGCTACAACGA GCACCTCC 22471 6966 4064 UUCCGACC A UCAACAGC 11265 GCTGTTGA GGCTAGCAACGA GTACAACGA 32472 6987 4043 UCCUGUACA A LUCCAGAU 11271 TCTGGATG GCTTAGCTACAACGA GTACAACGA 32473 6989 4041 CUGUACAC A UCCAGAU 11272 AATCTGGA GGCTAGCTACAACGA GTGTACAG 32474 7003 4027 AUUCAAGC A UCCAGCU 11276 GGCTGAGA GGCTAGCTACAACGA GTTCAAT 32475 7044 3986 GAACAACC A CUCAGGU 11290 AGCTTGGA GGCTAGCTACAACGA GTTGTAT 32476 7110 3920 AAUUCAACA C AUCAGGG 11299 ACCCTGAT GGCTAGCTACAACGA GTTGTATA 32477 7112 3918 UUCAACCA C AUCAGGAU 11290 ACCCTGA GGCTAGCTACAACGA GTTGTATA 32478 7155 3872	6832	4198	GGGAUCAC A UGCAAUCA	11228	TGATTGCA GGCTAGCTACAACGA GTGATCCC	32468
6929 4101 GCAGCUGC A CUCCUCUU 11250 AAGAGGAG GGCTAGCTACAACGA GCAGCTGC 32471 6966 4064 UUCCGACC A UCAACAGC 11265 GCTGTTGA GGCTAGCTACAACGA GGTCGGAA 32472 6987 4043 UCCUGUAC A CAUCCAGA 11271 TCTGGATG GGCTAGCTACAACGA GTACAGGA 32473 6989 4041 CUGUACAC A UCCAGGUU 11272 AATCTGGA GGCTAGCTACAACGA GTACAGGA 32474 7003 4027 AUUCAAGC A UCCAGCC 11276 GGCTGAGA GGCTAGCTACAACGA GTTGAAT 32475 7044 3986 GAACAACC A CGUUUGAU 11286 ATCAAACG GGCTAGCTACAACGA GGTTGTTC 32476 7083 3947 UCAGUAUC A UCCAAGCU 11290 AGCTTGGA GGCTAGCTACAACGA GGTTGTTC 32476 7110 3920 AAUUCAAC A CAUCAGGG 11298 CCCTGATG GGCTAGCTACAACGA GTTGAAT 32477 7110 3920 AAUUCAAC A CAUCAGGG 11299 ACCCTGA GGCTAGCTACAACGA GTTGAAT 32478 7112 3918 UUCAACAC A UCAGGGAU 11299 ATCCCTGA GGCTAGCTACAACGA GTTGAAT 32478 7115 3985 UGGCGGGC A UCGUGAUA 11306 TATCACGA GGCTAGCTACAACGA GTTGAAT 32478 7158 3872 GAUAAGCC A UUUGAAAG 11308 CTTTCAAA GGCTAGCTACAACGA GTTGAAT 32481 7182 3848 CCGCCAAC A UCAACAAA 11313 TTTGTTGA GGCTAGCTACAACGA GTTGGCGG 32482 7210 3820 GUUGGUCC A UCUCGCUU 11320 AAGCGAGA GGCTAGCTACAACGA GGCTTAGCCAACGA GTTGCGG 32482 7210 3820 GUUGGUCC A UCUCGCUU 11320 AAGCGAGA GGCTAGCTACAACGA GGCACAAC 32483 7233 3797 ACGAUGCC A UCAACAACA 11324 GTTTATGG GGCTAGCTACAACGA GGCACAAC 32483 7233 3797 ACGAUGCC A UCAACACA 11324 GTTTATGG GGCTAGCTACAACGA GGCACAAC 32483 7236 3794 AUGCCACC A UAAACACU 11326 AGTGTTA GGCTAGCTACAACGA GGCACAAC 32483 7236 3794 AUGCCACC A UAAACACU 11326 AGTGTTA GGCTAGCTACAACGA GGCACAAC 32483 7237 3788 CCAUAAAC A CUGGUUGU 11327 ACAACCAG GGCTAGCTACAACGA GGCACAC 32483 7238 3797 CUGCCCC A UAAACACU 11326 AGTGTTA GGCTAGCTACAACGA GGCACAC 32483 7334 3696 AAGAUGAC A CUGGUUGU 11335 AGGACAG GGCTAGCTACAACGA GTTACACGA GTTACACGA GGCACAC 32483 7334 3696 AAGAUGAC A CUGGUUGU 11335 AGGACAG GGCTAGCTACAACGA GTTACACGA GTTACACGA GTTACACCA 12489 7334 3696 AAGAUGAC A UAACCAC 113395 TACACCTAG GGCTAGCTACAACGA GTTACACCA 32489 7334 3696 AAGAUGAC A UAACCAC 113395 TACACCTAG GGCTAGCTACAACGA GTTACACC 32491 7346 3684 CGUAACAC A UCAGUGUA 11355 TACACCTAG GGCTAGCTACAACGA GTTACACC 32491 7346 3686 AGCCAAC A CCAGAGA		4172	CAAGGAUC A UGGGGUUG	11235	CAACCCCA GGCTAGCTACAACGA GATCCTTG	32469
6929 4101 GCAGCUGC A CUCCUCUU 11250 AAGAGGAG GGCTAGCTACAACGA GGAGCTGC 32471 6966 4064 UUCCGACC A UCAACAGC 11265 GCTGTTGA GGCTAGCTACAACGA GGTCGGAA 32472 6987 4043 UCCUGUAC A CAUCCAGA 11271 TCTGGATG GGCTAGCTACAACGA GTACAGGA 32473 6989 4041 CUGUCACC A UCCAGAU 11271 TCTGGATG GGCTAGCTACAACGA GTACAGGA 32473 7003 4027 AUUCAAGC A UCCCAGAU 11276 GGCTAGGA GGCTAGCTACAACGA GTACAGGA 32474 7003 4027 AUUCAAGC A UCUCAGCC 11276 GGCTAGA GGCTAGCTACAACGA GTTGAAT 32475 7044 3986 GAACAACC A CGUUUGAU 11286 ATCAAACG GGCTAGCTACAACGA GGTTGTTC 32476 7083 3947 UCAGUAUC A UCCAAGCU 11290 AGCTTGGA GGCTAGCTACAACGA GGTTGTTC 32476 7110 3920 AAUUCAAC A CAUCAGGG 11299 CCCTGATG GGCTAGCTACAACGA GTTGAATT 32478 7112 3918 UUCAACAC A UCGGGGAU 11299 ATCCCTGA GGCTAGCTACAACGA GTTGAATT 32478 7112 3918 UUCAACAC A UCGGGGAU 11299 ATCCCTGA GGCTAGCTACAACGA GTTGAATT 32478 7158 3872 GAUAAGCC A UCUUGAAAG 11306 TATCAACGA GGCTAGCTACAACGA GCCCCCA 32480 7158 3848 CCGCCAAC A UCAACAAA 11310 TTTGTTGA GGCTAGCTACAACGA GTTGCTG 32481 7182 3848 CCGCCAAC A UCAACAAA 11310 TTTGTTGA GGCTAGCTACAACGA GTTGCGG 32482 7210 3820 GUUGGUCC A UCUCGCUU 11320 AAGCGAGA GGCTAGCTACAACGA GGCTAGCTACA 7233 3797 ACGAUGCC A UCAACAAA 11312 AGTTATAG GGCTAGCTACAACGA GGCACAC 32481 7233 3797 ACGAUGCC A UCAACAAAC 11324 GTTTATGG GGCTAGCTACAACGA GGCACCAC 32481 7236 3794 AUGCCACC A UAAACACU 11326 AGTGTTTA GGCTAGCTACAACGA GGCACCAC 32483 7242 3788 CCAUAAAC A CUGGUUGU 11320 AAGCGAGA GGCTAGCTACAACGA GGCACCAC 32485 7242 3788 CCAUAAAC A CUGGUUGU 11321 ACACCAG GGCTAGCTACAACGA GGCACCAC 32487 7234 3766 AGGUAGC A CAUAACA 11316 GCGCTCA GGCTAGCTACAACGA GGCACCAC 32487 7237 3767 CUGCCCC A CAAGAUG 11326 AGTGTTA GGCTAGCTACAACGA GTTACACGA GTTACACGA GTTACACCA UAACCACA UAACCACA UAACCACA UAACCACA GCCAACCA GCCAACCAA GCCAACCA GCAACCA AGCACCA GACCACCA GACCACCA GC		4135	AGCCAAGC A UAGCAGAC	11241	GTCTGCTA GGCTAGCTACAACGA GCTTGGCT	32470
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7242 3788 CCAUAAAC A CUGGUUGU 11327 ACAACCAG GGCTAGCTACAACGA GTTTATGG 32486 7266 3764 AGGUCGCC A UGAGCGCC 11331 GGCGCTCA GGCTAGCTACAACGA GGCGACCT 32487 7284 3746 AGUGUACC A CGUCUCCU 11335 AGGAGACG GGCTAGCTACAACGA GGTACACT 32488 7323 3707 CUGCCCCC A CCAAGAUG 11347 CATCTTGG GGCTAGCTACAACGA GGGGGCAG 32489 7334 3696 AAGAUGAC A UAGCGUAA 11350 TTACGCTA GGCTAGCTACAACGA GTCATCTT 32490 7344 3686 AGCGUAAC A CAUCAGUG 11351 CACTGATG GGCTAGCTACAACGA GTTACGCT 32491 7346 3684 CGUAACAC A UCAGUGUA 11352 TACACTGA GGCTAGCTACAACGA GTTTACG 32492 7371 3659 CCCCAAAC A CCAGGACU 11359 AGTCCTGG GGCTAGCTACAACGA GTTTGGG 32493 7404 3626 UAGCUGC A UGCUGAUC 11367 GATCAGCA GGCTAGCTACAACGA GCCAGCTA 32494 7423 3607 GGCUGUCC A CCUCUUGC 11372 GCAAGAGG GGCTAGCTACAACGA GTTCTTGG 32495 7458 3572 CCAAGAAC A C						
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7284 3746 AGUGUACC A CGUCUCCU 11335 AGGAGACG GGCTAGCTACAACGA GGTACACT 32488 7323 3707 CUGCCCCC A CCAAGAUG 11347 CATCTTGG GGCTAGCTACAACGA GGGGGCAG 32489 7334 3696 AAGAUGAC A UAGCGUAA 11350 TTACGCTA GGCTAGCTACAACGA GTCATCTT 32490 7344 3686 AGCGUAAC A CAUCAGUG 11351 CACTGATG GGCTAGCTACAACGA GTTACGCT 32491 7346 3684 CGUAACAC A UCAGUGUA 11352 TACACTGA GGCTAGCTACAACGA GTGTTACG 32492 7371 3659 CCCCAAAC A CCAGGACU 11359 AGTCCTGG GGCTAGCTACAACGA GTTTGGGG 32493 7404 3626 UAGCUGGC A UGCUGAUC 11367 GATCAGCA GGCTAGCTACAACGA GCCAGCTA 32494 7423 3607 GGCUGUCC A CCUCUUGC 11372 GCAAGAGG GGCTAGCTACAACGA GGACAGCC 32495 7458 3572 CCAAGAAC A CGACCAGA 11382 TCTGGTCG GGCTAGCTACAACGA GTTCTTGG 32496 7499 3531 AUAUCAGC A UUAUAAGC 11390 TGCTGATA GGCTAGCTACAACGA GCTGATAT 32498						
7323 3707 CUGCCCCC A CCAAGAUG 11347 CATCTTGG GGCTAGCTACAACGA GGGGGCAG 32489 7334 3696 AAGAUGAC A UAGCGUAA 11350 TTACGCTA GGCTAGCTACAACGA GTCATCTT 32490 7344 3686 AGCGUAAC A CAUCAGUG 11351 CACTGATG GGCTAGCTACAACGA GTTACGCT 32491 7346 3684 CGUAACAC A UCAGUGUA 11352 TACACTGA GGCTAGCTACAACGA GTTTACG 32492 7371 3659 CCCCAAAC A CCAGGACU 11359 AGTCCTGG GGCTAGCTACAACGA GTTTGGGG 32493 7404 3626 UAGCUGGC A UGCUGAUC 11367 GATCAGCA GGCTAGCTACAACGA GCCAGCTA 32494 7423 3607 GGCUGUCC A CCUCUUGC 11372 GCAAGAGG GGCTAGCTACAACGA GGACAGCC 32495 7458 3572 CCAAGAAC A CGACCAGA 11382 TCTGGTCG GGCTAGCTACAACGA GTTCTTGG 32496 7491 3539 GGUCAAUC A UAUCAGCA 11390 TGCTGATA GGCTAGCTACAACGA GATTGACC 32497 7499 3531 AUAUCAGC A UUAUAAGC 11392 GCTTATAA GGCTAGCTACACGA GCTGATAT 32498						
7334 3696 AAGAUGAC A UAGCGUAA 11350 TTACGCTA GGCTAGCTACAACGA GTCATCTT 32490 7344 3686 AGCGUAAC A CAUCAGUG 11351 CACTGATG GGCTAGCTACAACGA GTTACGCT 32491 7346 3684 CGUAACAC A UCAGUGUA 11352 TACACTGA GGCTAGCTACAACGA GTGTTACG 32492 7371 3659 CCCCAAAC A CCAGGACU 11359 AGTCCTGG GGCTAGCTACAACGA GTTTGGGG 32493 7404 3626 UAGCUGGC A UGCUGAUC 11367 GATCAGCA GGCTAGCTACAACGA GCCAGCTA 32494 7423 3607 GGCUGUCC A CCUCUUGC 11372 GCAAGAGG GGCTAGCTACAACGA GGACAGCC 32495 7458 3572 CCAAGAAC A CGACCAGA 11382 TCTGGTCG GGCTAGCTACAACGA GTTCTTGG 32496 7491 3539 GGUCAAUC A UAUCAGCA 11390 TGCTGATA GGCTAGCTACAACGA GATTGACC 32497 7499 3531 AUAUCAGC A UUAUAAGC 11392 GCTTATAA GGCTAGCTACAACGA GCTGATAT 32498						
7344 3686 AGCGUAAC A CAUCAGUG 11351 CACTGATG GGCTAGCTACAACGA GTTACGCT 32491 7346 3684 CGUAACAC A UCAGUGUA 11352 TACACTGA GGCTAGCTACAACGA GTGTTACG 32492 7371 3659 CCCCAAAC A CCAGGACU 11359 AGTCCTGG GGCTAGCTACAACGA GTTTGGGG 32493 7404 3626 UAGCUGGC A UGCUGAUC 11367 GATCAGCA GGCTAGCTACAACGA GCCAGCTA 32494 7423 3607 GGCUGUCC A CCUCUUGC 11372 GCAAGAGG GGCTAGCTACAACGA GGACAGCC 32495 7458 3572 CCAAGAAC A CGACCAGA 11382 TCTGGTCG GGCTAGCTACAACGA GTTCTTGG 32496 7491 3539 GGUCAAUC A UAUCAGCA 11390 TGCTGATA GGCTAGCTACAACGA GATTGACC 32497 7499 3531 AUAUCAGC A UUAUAAGC 11392 GCTTATAA GGCTAGCTACAACGA GCTGATAT 32498	———					
7346 3684 CGUAACAC A UCAGUGUA 11352 TACACTGA GGCTAGCTACAACGA GTGTTACG 32492 7371 3659 CCCCAAAC A CCAGGACU 11359 AGTCCTGG GGCTAGCTACAACGA GTTTGGGG 32493 7404 3626 UAGCUGGC A UGCUGAUC 11367 GATCAGCA GGCTAGCTACAACGA GCCAGCTA 32494 7423 3607 GGCUGUCC A CCUCUUGC 11372 GCAAGAGG GGCTAGCTACAACGA GGACAGCC 32495 7458 3572 CCAAGAAC A CGACCAGA 11382 TCTGGTCG GGCTAGCTACAACGA GTTCTTGG 32496 7491 3539 GGUCAAUC A UAUCAGCA 11390 TGCTGATA GGCTAGCTACAACGA GATTGACC 32497 7499 3531 AUAUCAGC A UUAUAAGC 11392 GCTTATAA GGCTAGCTACAACGA GCTGATAT 32498						
7371 3659 CCCCAAAC A CCAGGACU 11359 AGTCCTGG GGCTAGCTACAACGA GTTTGGGG 32493 7404 3626 UAGCUGGC A UGCUGAUC 11367 GATCAGCA GGCTAGCTACAACGA GCCAGCTA 32494 7423 3607 GGCUGUCC A CCUCUUGC 11372 GCAAGAGG GGCTAGCTACAACGA GGACAGCC 32495 7458 3572 CCAAGAAC A CGACCAGA 11382 TCTGGTCG GGCTAGCTACAACGA GTTCTTGG 32496 7491 3539 GGUCAAUC A UAUCAGCA 11390 TGCTGATA GGCTAGCTACAACGA GATTGACC 32497 7499 3531 AUAUCAGC A UUAUAAGC 11392 GCTTATAA GGCTAGCTACAACGA GCTGATAT 32498						
74043626UAGCUGGC A UGCUGAUC11367GATCAGCA GGCTAGCTACAACGA GCCAGCTA3249474233607GGCUGUCC A CCUCUUGC11372GCAAGAGG GGCTAGCTACAACGA GGACAGCC3249574583572CCAAGAAC A CGACCAGA11382TCTGGTCG GGCTAGCTACAACGA GTTCTTGG3249674913539GGUCAAUC A UAUCAGCA11390TGCTGATA GGCTAGCTACAACGA GATTGACC3249774993531AUAUCAGC A UUAUAAGC11392GCTTATAA GGCTAGCTACAACGA GCTGATAT32498						
74233607GGCUGUCC A CCUCUUGC11372GCAAGAGG GGCTAGCTACAACGA GGACAGCC3249574583572CCAAGAAC A CGACCAGA11382TCTGGTCG GGCTAGCTACAACGA GTTCTTGG3249674913539GGUCAAUC A UAUCAGCA11390TGCTGATA GGCTAGCTACAACGA GATTGACC3249774993531AUAUCAGC A UUAUAAGC11392GCTTATAA GGCTAGCTACAACGA GCTGATAT32498						
7458 3572 CCAAGAAC A CGACCAGA 11382 TCTGGTCG GGCTAGCTACAACGA GTTCTTGG 32496 7491 3539 GGUCAAUC A UAUCAGCA 11390 TGCTGATA GGCTAGCTACAACGA GATTGACC 32497 7499 3531 AUAUCAGC A UUAUAAGC 11392 GCTTATAA GGCTAGCTACAACGA GCTGATAT 32498		 				
7491 3539 GGUCAAUC A UAUCAGCA 11390 TGCTGATA GGCTAGCTACAACGA GATTGACC 32497 7499 3531 AUAUCAGC A UUAUAAGC 11392 GCTTATAA GGCTAGCTACAACGA GCTGATAT 32498			<u> </u>			
7499 3531 AUAUCAGC A UUAUAAGC 11392 GCTTATAA GGCTAGCTACAACGA GCTGATAT 32498						
						
7508 3522 UUAUAAGC A UUCACUUG 11393 CAAGTGAA GGCTAGCTACAACGA GCTTATAA 32499				+		
	7508	3522	UUAUAAGC A UUCACUUG	11393	CAAGTGAA GGCTAGCTACAACGA GCTTATAA	32499

	02,00000				
7512	3518	AAGCAUUC A CUUGUGAC	11394	GTCACAAG GGCTAGCTACAACGA GAATGCTT	32500
7524	3506	GUGACUGC A CGAGGGUC	11397	GACCCTCG GGCTAGCTACAACGA GCAGTCAC	32501
7538	3492	GUCUUUUC A UCAUGUCU	11399	AGACATGA GGCTAGCTACAACGA GAAAAGAC	32502
7541	3489	UUUUCAUC A UGUCUCUG	11400	CAGAGACA GGCTAGCTACAACGA GATGAAAA	32503
7563	3467	UGAUCUCC A UACCAUAC	11406	GTATGGTA GGCTAGCTACAACGA GGAGATCA	32504
7568	3462	UCCAUACC A UACCAACA	11408	TGTTGGTA GGCTAGCTACAACGA GGTATGGA	32505
7627	3403	CCUGCAGC A CCAAUCUG	11421	CAGATTGG GGCTAGCTACAACGA GCTGCAGG	32506
7679	3351	GCAGGUCC A CGGUGUCC	11433	GGACACCG GGCTAGCTACAACGA GGACCTGC	32507
7697		CAGCUCUC A CUCAGGGU	11438	ACCCTGAG GGCTAGCTACAACGA GAGAGCTG	32508
	3333		11454	AGGGCCCA GGCTAGCTACAACGA GGGACGAA	32509
7759	3271	UUCGUCCC A UGGGCCCU			
7844	3186	AUCAAGUC A CUCUCAAG	11471	CTTGAGAG GGCTAGCTACAACGA GACTTGAT	32510
7859	3171	AGGAUUCC A UCGCCCCA	11476	TGGGGCGA GGCTACCTACAACGA GGAATCCT	32511
7867	3163	AUCGCCCC A CAAGGUAU	11480	ATACCTTG GGCTAGCTACAACGA GGGGCGAT	32512
7888	3142	CUCAGGCC A CGUACAUG	11485	CATGTACG GGCTAGCTACAACGA GGCCTGAG	32513
7894	3136	CCACGUAC A UGAUUUGA	11486	TCAAATCA GGCTAGCTACAACGA GTACGTGG	32514
7907	3123	UUGACUUC A CCCAGAAC	11488	GTTCTGGG GGCTAGCTACAACGA GAAGTCAA	32515
7933	3097	AAGCUUCC A CGUAUCAU	11499	ATGATACG GGCTAGCTACAACGA GGAAGCTT	32516
7940	3090	CACGUAUC A UUGAGCCU	11500	AGGCTCAA GGCTAGCTACAACGA GATACGTG	32517
7973	3057	GACAGGUC A CUGUGGAU	11508	ATCCACAG GGCTAGCTACAACGA GACCTGTC	32518
8024	3006	UUCGAGUC A CAUUCAGU	11518	ACTGAATG GGCTAGCTACAACGA GACTCGAA	32519
8026	3004	CGAGUCAC A UUCAGUUG	11519	CAACTGAA GGCTAGCTACAACGA GTGACTCG	32520
8061	2969	UCAGGAAC A UCCGAGUG	11528	CACTCGGA GGCTAGCTACAACGA GTTCCTGA	32521
8097	2933	AAUCCUCC A CUUCUAAG	11538	CTTAGAAG GGCTAGCTACAACGA GGAGGATT	32522
				CCAAGGAA GGCTAGCTACAACGA GTCCGACT	
8134	2896	AGUCGGAC A UUCCUUGG	11545		32523
8153	2877	UCCGGACC A UCAACCAC	11551	GTGGTTGA GGCTAGCTACAACGA GGTCCGGA	32524
8160	2870	CAUCAACC A CAAAGGUG	11554	CACCTTTG GGCTAGCTACAACGA GGTTGATG	32525
8274	2756	ACUUGUAC A UUCCCUCC	11575	GGAGGGAA GGCTAGCTACAACGA GTACAAGT	32526
8295	2735	UCUCAACC A CGACACUA	11584	TAGTGTCG GGCTAGCTACAACGA GGTTGAGA	32527
8300	2730	ACCACGAC A CUAAGGUC	11585	GACCTTAG GGCTAGCTACAACGA GTCGTGGT	32528
8310	2720	UAAGGUCC A CACCAUUC	11588	GAATGGTG GGCTAGCTACAACGA GGACCTTA	32529
8312	2718	AGGUCCAC A CCAUUCUC	11589	GAGAATGG GGCTAGCTACAACGA GTGGACCT	32530
8315	2715	UCCACACC A UUCUCCUU	11591	AAGGAGAA GGCTAGCTACAACGA GGTGTGGA	32531
8349	2681	CGUCCUUC A CUGCUUCC	11600	GGAAGCAG GGCTAGCTACAACGA GAAGGACG	32532
8359	2671	UGCUUCCC A CAUUUGAU	11605	ATCAAATG GGCTAGCTACAACGA GGGAAGCA	32533
8361	2669	CUUCCCAC A UUUGAUGC	11606	GCATCAAA GGCTAGCTACAACGA GTGGGAAG	32534
8398	2632	UAGACCGC A CACUCCUU	11613	AAGGAGTG GGCTAGCTACAACGA GCGGTCTA	32535
8400	2630	GACCGCAC A CUCCUUCC	11614	GGAAGGAG GGCTAGCTACAACGA GTGCGGTC	32536
8475	2555	ACCGGUCC A UCCAAGCC	11630	GGCTTGGA GGCTAGCTACAACGA GGACCGGT	32537
8487	2543	AAGCCUCC A CAUCAUUG	11636	CAATGATG GGCTAGCTACAACGA GGAGGCTT	32538
8489	2541	GCCUCCAC A UCAUUGUG	11637	CACAATGA GGCTAGCTACAACGA GTGGAGGC	32539
8492	2538	UCCACAUC A UUGUGUAU	11638	ATACACAA GGCTAGCTACAACGA GATGTGGA	32540
8505	2525	GUAUGAAC A CUCCACUU	11639	AAGTGGAG GGCTAGCTACAACGA GTTCATAC	
					32541
8510	2520	AACACUCC A CUUCCACA	11642	TGTGGAAG GGCTAGCTACAACGA GGAGTGTT	32542
8516	2514	CCACUUCC A CAUCUCAG	11645	CTGAGATG GGCTAGCTACAACGA GGAAGTGG	32543
8518	2512	ACUUCCAC A UCUCAGCU	11646	AGCTGAGA GGCTAGCTACAACGA GTGGAAGT	32544
8549	2481	UCUAUGGC A CACCCAGU	11654	ACTGGGTG GGCTAGCTACAACGA GCCATAGA	32545
8551	2479	UAUGGCAC A CCCAGUGU	11655	ACACTGGG GGCTAGCTACAACGA GTGCCATA	32546
8568	2462	CAGCGUGC A CGUUCACG	11660	CGTGAACG GGCTAGCTACAACGA GCACGCTG	32547
8574	2456	GCACGUUC A CGGAGAGG	11661	CCTCTCCG GGCTAGCTACAACGA GAACGTGC	32548
8633	2397	GACCUAUC A CGAGCAUU	11672	AATGCTCG GGCTAGCTACAACGA GATAGGTC	32549
8639	2391	UCACGAGC A UUGAUGCC	11673	GGCATCAA GGCTAGCTACAACGA GCTCGTGA	32550
8649	2381	UGAUGCCC A UCCACAAC	11676	GTTGTGGA GGCTAGCTACAACGA GGGCATCA	32551
8653	2377	GCCCAUCC A CAACAGGA	11678	TCCTGTTG GGCTAGCTACAACGA GGATGGGC	32552
8694	2336	UCCAGGAC A UGCCUCCG	11691	CGGAGGCA GGCTAGCTACAACGA GTCCTGGA	32553
8730	2300	CUCCGAAC A CUUGAUGG	11700	CCATCAAG GGCTAGCTACAACGA GTTCGGAG	32554
8763	2267	AGGUGAAC A CCCCUCCA	11709	TGGAGGG GGCTAGCTACAACGA GTTCACCT	32555
8907	2123	CUCUGCCC A CCACUAUG	11749	CATAGTGG GGCTAGCTACAACGA GGGCAGAG	32556
8910	2120	UGCCCACC A CUAUGUAU	11751	ATACATAG GGCTAGCTACAACGA GGTGGGCA	32557
8973	2057	CCGUGGCC A CUGAAACA	11764	TGTTTCAG GGCTAGCTACAACGA GGCCACGG	
9009	2021				32558
9009		AUCUGCCC A CUGGCGUU	11773	AACGCCAG GGCTAGCTACAACGA GGGCAGAT	32559
	1994	AUGAAGCC A CUGACGAG	11777	CTCGTCAG GGCTAGCTACAACGA GGCTTCAT	32560
9065	1965	CAAGGUCC A UCCGUGCC	11782	GGCACGGA GGCTAGCTACAACGA GGACCTTG	32561
9093	1937	AUUCCAAC A CCACAGUG	11790	CACTGTGG GGCTAGCTACAACGA GTTGGAAT	32562

91958 1914 CCARCARC A CAGUGCCO 11992 GOGCACTO GOCTAGCTACAROM GOTTOTO 32552 19158 1917 CAGAGGCC A UNGGUUGU 11906 ACACCTA GOCTAGCTACAROM GOGCOTTO 32552 1915 1915 1915 CCAGCUCU A CUCURACU 11914 MTGNARA GOCTAGCTACAROM GARANATO 32555 1915 1915 CCAGCUCU A CUCURACU 11914 MTGNARA GOCTAGCTACAROM GARANATO 32555 1929 1921 ANAMUCC A CAGGANU 11929 MTTCNARA GOCTAGCTACAROM GARANATO 32557 1929 1721 AUGUSTACU A CUCURADU 11929 MTTCNARA GOCTAGCTACAROM GARANATO 32557 1939 1721 AUGUSTACU A CAGGUGC 11981 GARANATO 32557 19365 19365 CAGGUCC A UNAACGU 11985 GARCTTA 32559 19365 1655 CARACUCC A UNAACGU 11985 GARCTTA GOCTAGCTACAROM GARTTT 32559 19365 1651 UCCUCCAC A CAGGUCC 11863 GARCTTA 32559 19369 1661 UCCUCCAC A CAGGUCC 11865 GARCTTA GOCTAGCTACAROM GARGTTO 32579 19369 1661 UCCUCCAC CAGGUCCA 11967 GARCTAGCTACAROM GARGTACA 23591 1939 1647 CUUCCAGC A CAGGUCCA 11975 GARCTAGCTACAROM GARCTACA 23591 1939 1647 CUUCCAGC A CAGGUCCA 11975 GARCTAGCTACAROM GARCTACA 23591 1939 1647 CUUCCAGC A CAGGUCCA 11975 GARCTAGCTACAROM GARCTACA 23591 1939 1647 CAGGUCCA 11975 GARCTAGCTACAROM GARCTACA 23591 1939 1647 CAGGUCCA 11975 GARCTAGCTACAROM GARCTACA 23591 1939 1647 CARCAGUC A CAGGUCA 11975 GARCTAGCTACAROM GARCTACA 23591 1939 1939 1647 CARCAGUC A CAGGUCA 11975 GARCTAGCTACAROM GARCTACA 23591 1939 1939 1939 1939 1939 1939 1939	WU	02/068637		Table A		
1918 1972 CARACSCC A UAGGSUEGU 11816 ACANCTRA GGCTAGCARAAGGA GGCGTTCT 32546 1815 1815 CARICTUC A UCURCAC 11814 GGTGAGGA GGCGTTCT 32566 1815 1815 CARICTUC A UCURCAC 11814 GGTGAGGA GGCTAGCARAAGGA GARAANT 32567 3272 1818 CARICTUC A CUCURCAC 11814 GGTGAGGA GGCTAGCARAAGGA GARAANTO 32566 3272 1818 CARICTUC A CUCURCAC 11827 CARTON GGCTAGCARAAGGA GARAATT 32588 3272 1818 AAAAUUCC A CAGGABUG 11827 CARTON GGCTAGCARAAGGA GARAATT 32589 3791 1721 ADICCURC A UARACGUC 11827 CARTON GGCTAGCARAAGGA GARATT 32589 3791 1721 ADICCURC A UARACGUC 11827 CARTON GGCTAGCTACAGGA GARATT 32589 32571 1653 GUIUCCUCC A CACAGUC 11826 CARCTUC GGCTAGCTACAGGA GAGGATT 32570 32571 32571 32589 32571	9096	1934	CCAACACC A CAGUGCCG	11792	CGGCACTG GGCTAGCTACAACGA GGTGTTGG	32563
1915				11806	ACAACCTA GGCTAGCTACAACGA GGCGTCTG	32564
1915 1815 2815					AGTGAAGA GGCTAGCTACAACGA GGAAAAAT	32565
1902 1858						
1791 1791 AMANINCE & CARGUANIE 11829 CATTCCTG GCTACTACANCIA GRATATT 25569 1791 AUGURIUC & CARGUCIC 11856 GACGTTG GCTACTACANCIA GATACCT 23559 1791 AUGURIUC & CARGUCIC 11856 GACGTTAG GCTACATCANAGA GARGTTG 12559 1791						
	9202	1828				
1685	9249	1781				
1863	9309	1721		11847		
1936 1661 UCCUICOCA C AGUIACUU 11864 AAGTACTO GOCTAGATACAACA GTOGAAGA 32872	9345	1685	CAAACUCC A UUAACGUC	11856	GACGTTAA GGCTAGCTACAACGA GGAGTTTG	32570
1647 CUUCCAGE A CUGCUCCA 11869 TORRIGGAG GIGTAGGTACAAGGR GCTGGAAG 32579 1418 1611 ANCACUC A URARCAC 11875 GTOGTTCA GCTAGGTACAAGGR GGTCATCO 32574 1419 1611 ANCACUC A CORAGAU 11877 ATGGTAG GCTAGGTACAAGGR GGTTCATO 32575 1419 1611 ANCACUC A CORAGAU 11877 ATGGTAG GCTAGGTACAAGGR GGTTCATO 32575 1419 1611 ANCACUC A CORAGAU 11877 ATGGTAG GCTAGCTACAAGGR GGTTCATO 32577 1419 1611 ANCACUC A CORAGAU 11886 TACOTTAG GCTAGCTACAAGGR GGTTGATT 32577 1456 1574 CABUCAUC A CORAGAU 11886 TACOTTAG GCTAGCTACAAGGR GATTGATT 32577 1456 1574 CABUCAUC A CORAGAU 11887 TACCTAG GCTAGCTACAAGGR GATTGATT 32579 1457 1551 UAUGUGC A UUGUCAC 11894 GTOGACTA GCTAGCTACAAGGR GATTGATCT 32579 1452 CCACUGUC A CORUCAC 11894 GTOGACTA GCTAGCTACAAGGR GATCATCT 32581 1513 ACCUCUC A UAUUCUCC 1194 GTOGACTA GCTAGCTACAAGGR GATCATCT 32581 1514 ACCUCUC A UAUUCUCC 1194 GGAGAGTA GCTAGCTACAAGGR GACATGT 32581 1515 ACCUCUC A UGUCACA 11899 TORRIGGAG GCTAGCTACAAGGR GACAGTGT 32581 1516 AUGUGAC A UGUCACA 11892 TORRIGGAG GCTAGCTACAAGGR GACAGTGT 32584 1517 ACCUCUC A UAUUCUCC 1194 GGAGAGTA GCTAGCTACAAGGR GACAGTGT 32584 1518 ALBUS ARABGGC A CUCCUUGA 11932 TACGGAAG GCTAGCTACAAGGR GACACTGT 32584 1518 ALBUS ARABGGC A CUCCUUGA 11932 TACGGAAG GCTAGCTACAAGGR GACCAC 12584 1519 ACCUCUC A CACAAGAR 11932 TACGGAAG GCTAGCTACAAGGR GACCAC 12586 1511 1512 CCUCUCC A CACAAAGG 11932 TACGGAAG GCTAGCTACAAGGR GACCAC 12586 1511 1512 CCUCUCC A CACAAAGG 11974 TACTTCT GCTAGCTACAAGGR GACCAC 12586 1512 CCUCUCC A CACAAAGG 11972 TACTTCT GCTAGCTACAAGGR GACCACAC 12586 1512 CCUCUCC A CACAAAGG 11972 CTTCTTCT GCTAGCTACAAGGR GACCACAC 12586 1512 CCUCUCC A CACAAAGG 11971 CTTCTTCT GCTAGCTACAAGGR GACCACAC 12586 1512 CCUCUCC A CACAAAGG 11971 CTTCTTCT GCTAGCTACAAGGR GACCACAC 12586 1512 CCUCUCC A CACAAGGR 11972 CTTCTCT GCTAGCTACAAGGR GACCACAC 12586 1512 C	9367	1663	GUUCCUCC A CACAGUAC	11863	GTACTGTG GGCTAGCTACAACGA GGAGGAAC	32571
19383 1647	9369	1661	UCCUCCAC A CAGUACUU	11864	AAGTACTG GGCTAGCTACAACGA GTGGAGGA	32572
				11869	TGGAGCAG GGCTAGCTACAACGA GCTGGAAG	32573
1615 CAUGARCE A CUCAGOM 11877 TROTGYAGA GGCTAGCTACAACGA GGTTCATO 32575 9419 1611 ACCACTUC A CORDIGAC 11879 GTCCATCG GGCTAGCTACAACGA GATGGTT 32575 94567 1551 CARCAGGUE A CORAGUAG 11889 GTCCATCG GGCTAGCTACAACGA GATGGTT 32579 94567 1551 UAUGAUGE A UAGGUAGA 11889 GTACGTGA GGCTAGCTACAACGA GATGGTT 32579 9457 1551 UAUGAUGE A UAGGUACE 11884 GTACGTGA GGCTAGCTACAACGA GATGACTT 32579 9457 1552 CACAGUCE A CAGUCCAC 11884 GACACCAA GGCTAGCTAACGA GATCACTA 32579 9594 1536 CAUGAUCA C CAGUCCAC 11894 GTGGACTA GGCTAGCTAACGA GACCACC 32581 9501 1529 CACAGUCA C AUGUCCAC 11894 GTGGACTA GGCTAGCTAACGA GACCACC 32581 9507 1523 CCACUGUC A CULUCCA 11899 TGGAGAGG GGCTAGCTAACGA GACCACC 32581 9515 1515 ACCUCUCC A UAUGUCCC 11894 GGAGAATA GGCTAGCTACAACGA GACACTO 32581 9521 1398 GUUGGUC A LUGGACAA 11924 GGAGAATA GGCTAGCTACAACGA GACACCC 32584 9532 1398 GUUGGUC A LUGGACAA 11924 GTACACAC GGCTAACTACAACGA GGACCAAC 32584 9578 1312 UUUGGCG A UGUGUCAA 11992 TTACCACA GGCTAACTACAACGA GGACCAC 32586 9778 1255 CCCIUCC A CACUACUU 11966 ACAAGGAG GGCTAACTACAACGA GGACCAAC 32587 9779 1253 UGUCCACC A CUCCUUGU 11966 ACAAGGAG GGCTAACTACAACGA GCGCCAAA 32599 9790 1240 UUGUCUGC A CACAAAGA 11971 TTTTTTCCA GGCTAGCTACAACGA GCCCAAA 32589 9792 1238 GUUGUCCA C ACCAAAGA 11971 TTTTTTTTCACACA GGCTAACGAACGA GCACCAAA 32599 9809 1221 GGGUCACA C ACAAAAGCU 11976 ACAAGGAG GGCCAACCA 32589 9818 1112 GUUUGUCCA C ACCAAAAG 11971 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT					GTGGTTCA GGCTAGCTACAACGA GGACCTCA	32574
9419 1611 ARCCRUC A CGRUGGAC 11879 GTCCATCG GGCTAGCTACAGCA GGGTGGTT 22576 9453 1577 CARCAGUC A CUCAGUAD 118867 ATACTRAG GGCTAGCTACAACGA GACTGTTC 32578 9466 1574 CAGUAGUC A CUGAGUAD 118867 ATACTRAG GGCTAGCTACAACGA GACTGTTC 32578 9467 1563 UAGUAUGC A UUGGUGCC 118894 ATACTRAG GGCTAGCTACAACGA GACTGATCA 32578 9469 1516 CGUGGUC A CUGUCCCC 11894 GTGGACCG GGCTAGCTACAACGA GACTACTA 32578 9501 1529 CACAGUC A CUGUCCCC 11894 GTGGACCG GGCTAGCTAACGA GACTACCA 32580 9501 1529 CACAGUC A CUGUCCCC 11894 GTGGACCG GGCTAGCTAACGA GACTGTCG 32580 9501 1529 CACAGUC A CUCUCCCA 11897 GTGACAG GGCTAGCTAACGA GACTGTG 32581 9501 1515 ACCUCUCC A UAUUCUCC 11904 GGAGAATA GGCTAGCTACAACGA GACTGTG 32581 9515 1515 ACCUCUCC A UAUUCUCC 11904 GGAGAATA GGCTAGCTACAACGA GACTGTG 32581 9618 1412 GCGACUC A CAGUAGUU 11926 GAGAATA GGCTAGCTACAACGA GACTGTG 32582 9618 1399 GUUGGCC A UGGACCA 11899 TTGTGCA GGCTAGCTACAACGA GACACCAC 32585 9618 1390 GUUGGCC A UGGACCA 11929 TTGTGCA GGCTAGCTACAACGA GACACCAC 32585 9718 1312 UUUGGCG A CUCCUCUC 11964 AGGAGTG GGCTAGCTACAACGA GACCACAC 32586 9718 1312 UUUGGCG A CUCCUUCU 11964 AGGAGTG GGCTAGCTACAACGA GGCCATTT 3267 9777 1253 UGUCCACC A CUCCUUCU 11964 AGGAGTG GGCTAGCTACAACGA GGCCATTT 3267 9777 1253 UGUCCACC A CACAAAAG 11971 TTGTCAG GGCTAGCTACAACGA GGCCAACGA 32586 9789 1221 GGGGACAC A CUUCUUCU 11964 AGGAGTG GGCTAGCTACAACGA GGCCACCA 32586 9789 1240 UUGUCGCA C CACAAAAG 11971 TTTTTTGT GGCTAGCTACAACGA GGCACCAC 32589 9790 1240 UUGUCGCA C CACAAAAG 11971 TTTTTTGT GGCTAGCTACAACGA GCCAACCA 32590 9791 1240 UUGUCGCA C CACAAAAG 11971 TTTTTTGT GGCTAGCTACAACGA GCCAACCA 32590 9792 1298 GUUCUCCC A UGGUCGGG 11976 GCCAACGA GGCTAGCTACAACGA GCCAACCA 32590 9792 1298 GUUCUCCC A UGGUCGGG 11976 GACAAACG GCCAACCA 32590 9809 1221 GGGCAC C GUUCUCCC A UGGUCGGG 11976 GACAAACG GCCAACCA 32590 9809 1221 GGGCAC C CUUCUCCC A UGGUCGGG 11976 GACAACG GGCTAGCTACAACGA GCCAACCC 32590 9818 1212 CGCUUCUCC A UGGUCGGG 11976 GACAACG GGCTAGCTACAACGA GCCAACCA 32590 9809 1200 GCCACCA C GUUCUCCCA UGGUCGGG 11976 GACAACG GCCAACCA GCCAACGA GCCAACCA GCCAACCA GCCAACCA GCCAACCA GCCAACC						
9453 1577 CAACAGUC A UCACGUAG 11886 CRAGGTGA GATGACTACGA GATGATTCO 32578 94565 1574 CAGUCAUC A CGUAGUAU 11887 ATACTACG GGCTAGCTACAACGA GATGACTG 32578 9457 1563 UAGUAUCA CAGUCACC 11884 GACACCAA GGCTAGCTACAACGA GATGACTG 32578 9459 15156 CGUGGUUC A CAGUCACC 11884 GACACCAA GGCTAGCTACAACGA GATGACTG 32580 95901 1529 CACAGUUCA CAGUCACC 11897 GGGGACGA GGCTAGCTACAACGA GACACCCA 95901 1529 CACAGUUCA CAGUCACC 11897 GGGGACGA GGCTAGCTACAACGA GACACCAG 95907 1523 CCACUGUC A CUCUCCCA 11897 GGGGACGA GGCTAGCTACAACGA GACACTGG 32581 9515 1515 ACCUCUCC A UAUUCUCC 11994 GGGGAGAC GGCTAGCTACAACGA GACAGTGG 32582 9518 1412 GCGACUCC A CAGUAGUU 11926 AACTACTG GGCTAGCTACAACGA GAGAGGT 32583 9618 1412 GCGACUCC A UAGUAGUU 11926 AACTACTG GGCTAGCTACAACGA GAGAGGT 32584 9632 1398 GUUGGUCC A UAGUACAA 11929 TTTGTCCA GGCTAGCTACAACGA GGCCATTT 32585 9648 1382 AAUBGCC A CUCUCUAC 11932 GTACGAGA GGCTAGCTACAACGA GGCCATTT 32586 9778 1256 CCCUGUCC A CAGUCAU 11912 GTACGAGA GGCTAGCTACAACGA GGCCATTT 32586 9778 1256 CCCUGUCC A CACCUCU 11945 AGGAGTGG GGCTAGCTACAACGA GGCCATTT 32586 9779 1253 UGUCCACC A CUCCUUGU 11956 ACAAGGAG GGCTAGCTACAACGA GGCCACAA 32587 9790 1240 UUGUCUGC A CAAAAACG 11971 CTTTTGTCG GGCTAGCTACAACGA GGCCACAA 32589 9791 1238 GGUUGCAC A CAAAAAGU 11972 CACCACCAA GGCTAGCTACAACGA GGCACAGG 32584 9809 1221 GGGUCACC A CAGAAAACG 11971 CTTTTGTCG GGCTAGCTACAACGA GGCAACA 32593 9818 1212 CGUUUGUC A UGUUGACC 11972 AGCTTTTG GGCTAGCTACAACGA GGCAACA 32593 9818 1212 CGUUUGAC A CACAAAACG 11971 CTTTTTGTCG GGCTAGCTACAACGA GGCAACA 32593 9818 1212 CGUUUGAC A CACAAAACG 11972 CACCACACA GGCTAGCTACAACGA GGCAACA 32592 9910 1010 UUUUCUCC A UGUUGACC 11977 CTCCACACA GGCTAGCTACAACGA GGCAACA 32592 9911 1109 CGCCCCC A UGUUCACC A UCUCACA AGCACACA GGCTAGCTACAACGA GACAACC 32595 9927 10103 CCACAACC A UCUCACA 12001 GACAACA GGCTAGCTACAACGA GACAACC	-					
9456 1574 CAGUCAUC A COUAGUAU 11887 ATACTACG GGCTAGCTACAAGG GATGACTG 22578 9467 1563 UAGUAUGC A UUGGUCCC 11887 9494 1536 COUGGUUC A CAGUCCAC 11897 9501 1529 CACAGUAC A CUGUCACC 11897 9501 1529 CACAGUAC A CUGUCACC 11897 9507 1523 CACCUCC A UAUUCUCC 11999 GGTGACCTACAAGG GACAGGG 32580 9515 1515 ACCUCUCC A UAUUCUCC 11999 GGGAGAGG GGCTAGCTACAAGG GACAGGG 32580 9518 1412 GCGACUCC A UAUUCUCC 11994 GGAGAATA GGCTACACAGA GACAGGG 32582 9518 1412 GCGACUCC A UAUUCUCC 11994 GAGAATA GGCTAGCTACAAGGA GACAGGG 32582 9519 398 GUUGGUCC A UAGUCACA 11929 TTGTCCA GGCTAGCTACAAGGA GACAGGG 32582 9618 1412 GCGACUCC A UAUUCUCC 11994 ACTACTG GGCTAGCTACAAGGA GACAGGG 32582 9618 1398 GUUGGUCC A UGGACAAA 11929 TTGTCCA GGCTAGCTACAACGA GGACCAGC 32585 9648 1392 AAAUGGCC A UGGACAAA 11929 TTGTCCA GGCTAGCTACAACGA GGACCAGC 32587 9778 1212 UUGGCGC A UGGUCAA 11945 TTGTCCA GGCTAGCTACAACGA GGACCAGC 32587 9777 1253 UGUCCACC A CUCCUUGU 11946 AGGAGGAG GGCTAGCTACAACGA GGCCCAA 32587 9777 1253 UGUCCACC A CACAAAGG 11971 CTTTTGTG GGCTAGCTACAACGA GGCCCAA 32587 9790 1240 UUGUCUGC A CACAAAAG 11971 CTTTTGTG GGCTAGCTACAACGA GGCCCAA 32591 9792 1238 GUUGGACA A CACAAAAG 11971 CTTTTGTG GGCTAGCTACAACGA GCAGACAG 32591 9809 1221 GGGCACCA A CACAAAAG 11971 CTTTTGTG GGCTAGCTACAACGA GCAGACAAG 32591 9818 1212 CGUUUGUC A UUGUCACC 11976 ACAAGAGA GGCTAGCTCAACAGA GCAGACAAG 32591 9819 1196 CUUCUCCCA UGUUGUC 11976 GACAAAAGC GGCTAGCTCACAAGA GCAGACAAG 32591 9814 1186 GGUCGAC A CACAAAAGCU 11977 GCTCACAA GGCTAGCTCAACAGA GCAAAAC 32591 9819 1196 CUUCUCCCA UGUUGUC 11976 GACAAAAGC GGCTAGCTCACAAGAG ACAAACA 32591 9810 1211 GGGACACA CACAAAAGCU 11977 GCTCACAA GGCTAGCTCAACAGA GCAAAACA 32591 9810 1211 GGUCUCCCA UGUUGUC 11980 AAAGCTCG GGCTAGCTCAACAGA GCAAAACA 32591 9810 1210 UAUUCACCA UAUUCACCA UCCAACA GCTCACACAGA GCAACACACAAGA 32591 9810 1100 UAUUCAUCA UCCUCCCA UGUCCACA GCTAGCTCACAAGAG ACAAAACA 32591 9927 1100 CCCCCACA CACAAAACCCU 11980 AAAGCTCG GGCTAGCTCAACAGA GACAAACA 32591 9936 1094 UCCUCACCA UCCACAACACA CCCCAACAGGA GCCCAACAAGAGA GCCCAACAAGA GCCCAACAGA GCCCAACAGA GCCCAACAAGA ACAACAACA ACAACAACA AC	——					
9457 1553 UAGUAUGC A UUGGUGUC 11888 GACACCAA GGCTAGCTACAACGA GATACTTA 32579 9494 1536 CGUGGUUC A CAGUCCAC 11894 GTGGACTG GGCTAGCTACAACGA GAACCACG 32580 9507 1529 CACAGUUC A CCUCUCCA 11897 GGTGACTG GGCTAGCTACAACGA GAACCACG 32580 9507 1523 CCACUGUC A CCUCUCCA 11897 GGTGACAG GGCTAGCTACAACGA GACAGTGG 32581 9515 1515 ACUCUCC A UUGUCCCC 11899 TGGAGAGG GGCTAGCTACAACGA GACAGTGG 32581 9618 1412 GCGACUCC A CAGUAGUU 11926 GACAATAG GGCTAGCTACAACGA GACAGTGG 32584 9618 1412 GCGACUCC A UGGACAAA 11929 TTTGTCCA GGCTAGCTACAACGA GAGAGGT 32584 9632 1398 GUUGGUCC A UGGACAAA 11929 TTTGTCCA GGCTAGCTACAACGA GGACTGC 32584 9632 1398 GUUGGUCC A UGGACAAA 11929 TTTGTCCA GGCTAGCTACAACGA GGCCATTT 32586 9648 1312 ANAUGGC A CUUCGUAC 11932 GTACGAAG GGCTAGCTACAACGA GGCCATTT 32586 9774 1256 CCCIGUCC A CCACUCCU 11932 TTGACAAC GGCTAGCTACAACGA GGCCAAT 32587 9774 1255 CCUGUCC A CCACUCCU 11946 AGGAGGTGG GGCTAGCTACAACGA GGCCAAA 32587 9779 1253 UGUCCACC A CUCCUUGU 11966 ACAAGGAG GGCTAGCTACAACGA GGCCAAA 32590 9792 1238 GUUGCAC A CAAAAAGU 11971 GTTTTGTC GGCTAGCTACAACGA GGCAGAGG 32588 9792 1238 GUUGCAC A CAAAAAGU 11972 AGCTTTTGTG GGCTAGCTACAACGA GGCAGAGA 32590 9809 1221 GGGUCAG C AAAAAGU 11972 AGCTTTTGTG GGCTAGCTACAACGA GGCAGAGA 32591 9810 1212 CGGUUGUC A CACAAAAG 11971 AGCTTTTGTG GGCTAGCTACAACGA GGCAACAC 32593 9844 1196 CUUCUCCC A UGGUCGGG 11982 CCCGAACG GGCTAGCTACAACGA GGCAACC 32593 9854 1196 CUUCUCCC A UGGUCGGG 11982 CCCGAACGA GGCTAGCTACAACGA GCCAACAC 32593 9844 1196 CUUCUCCC A UGGUCGGG 11982 CCCGAACGA GGCTAGCTACAACGA GCCAACAC 32593 9854 1196 CUUCUCCC A UGGUCGGG 11982 CCCGAACA GGCTAGCTACAACGA GCCAACAC 32593 9854 1196 CUUCUCCC A UGGUCGGG 11982 CCCGAACA GGCTAGCTACAACGA GCAAACC 32593 9864 1196 CUUCUCCC A UGGUCGGG 11982 CCCGAACA GGCTAGCTACAACGA GCAAACC 32593 9875 1000 UAUCUCUC A CAUCUUCUC 12000 GATGAATA GGCTAGCTACAACGA GCAAACC 32593 9876 1007 CUUCAGAC A CACACAUCUC 12000 GATGAATA GGCTAGCTACAACGA GCAAACC 32595 9921 1100 CCACUCUC A CACACAC 3200 GACACAC GGCTAGCTACAACGA GAGAACAC 32596 9921 1100 CGCCCAC A CAAACAC 12000 GACAACAC GGCTAGCTACAACGA GAGAACA 32596 9921	9453	1577		11886		
9494 1535 OGUGGUUC A CAGUCCAC 11894 GTGGACTG GGCTACCTACAGG GAACCACC 32580 1523 CACUGUC A CUGUCCA 11897 GGTGACAG GGCTAGCTACAACGA GAACTGTG 32581 1523 CACUGUC A CUGUCCCA 11899 TGGAGAG GGCTAGCTACAACGA GGACTGTG 32581 1515 ACCUCUCC A UAUUCUCC 11904 GGAGAATA GGCTACCTACAACGA GGAGGGT 32582 1398 GUUGGUCC A UGAUGUU 11926 ACATCTG GGCTAGCTACAACGA GGAGGGT 32583 1515 ACCUCUCA A UAUUCUCC 11904 GGAGAATA GGCTACCTACAACGA GGAGGGT 32584 1518 ACGCCGAC C A UAUUCUCC 11904 GGAGAATA GGCTACCTACAACGA GGAGGGC 32584 1519 GUUGGUCC A UGGACAAA 11929 TTTGTCCA GGCTAGCTACAACGA GGACCAC 22585 1518 AAAUGGC A UGUGUCAA 11926 TTTGTCCA GGCTAGCTACAACGA GGACCAC 22585 1518 AAAUGGC A UGUGUCAA 11927 TTTGTCCA GGCTAGCTACAACGA GGACCAC 22585 1518 AAAUGGC A UGUGUCAA 11945 TTGACACA GGCTAGCTACAACGA GCCCCAAA 32587 1518 1312 UUUGGCCC A CACCUCCU 11964 AGGAGTGG GGCTAGCTACAACGA GCCCCAAA 32587 15777 1253 UGUCCACA CUCCUUGU 11966 ACAAGGGG GGCTAGCTACAACGA GCCCCAAA 32587 15777 1253 UGUCCACA CUCCUUGU 11966 ACAAGAGGA GGCTAGCTACAACGA GCCCCAAA 32587 15772 1238 GUUUGCAC A CACAAAAG 11971 CTTTTGTG GGCTAGCTACAACGA GTGGAGA 32589 15792 1238 GUUUGCAC A CACAAAAG 11971 CTTTTGTG GGCTAGCTACAACGA GTGGAGA 32589 15792 1238 GUUUGCAC A CACAAAAG 11971 AGCTTTTG GGCTAGCTACAACGA GTGGAGA 32589 1588 1192 CCGCCUCC A UAUUCUCA UUGUCAGA 11976 GACAAACG GGCTAGCTACAACGA GCCGACA 32593 1588 15196 UUCUCCCA UGUUGGGG 11976 GACAAACG GGCTAGCTACAACGA GCCGACC 32593 15893 1196 UUCUCCCA UGUUGGGG 11976 CCCCACAA GGTCACCTACAACGA GCCGACC 32593 1100 UAUUCUCCA UAUUCAUC 12001 GATGATATA GGCTAGCTACAACGA GCCGACC 32595 15921 1103 CCCAUCUCA UAUUCAUC 12001 GATGATATA GGCTAGCTACAACGA GCCGACC 32595 15921 1103 CCCAUCUCA A UCUUCACA 12002 GTGAGAACG GGCTAGCTACAACGA GCCGACC 32595 15921 1103 CCCAUCUCA A UCUUCACA 12002 GTGAGAACG GGCTAGCTACAACGA GCAGAACG 32595 15921 1103 CCCAUCUCA A UCUUCACA 12002 GTGAGAAGA GGCTACCTACAACGA GCAGAAGA 32599 15936 1067 CCUUCAGA A UCUUCACA 12003 GACAACG GGCTAGCTACAACGA GCAGAAGA 32597 15936 1067 CUUCAGAC A UAUUCACC 12001 GACAACG GGCTAGCTACAACGA GCAGAACG 32595 15936 1067 CUUCAGAC A UAUUCACC 12004 GAGAGAAGA GGCTACCT	9456	1574	CAGUCAUC A CGUAGUAU	11887		
1529	9467	1563	UAGUAUGC A UUGGUGUC	11888	GACACCAA GGCTAGCTACAACGA GCATACTA	32579
1529	9494	1536	CGUGGUUC A CAGUCCAC	11894	GTGGACTG GGCTAGCTACAACGA GAACCACG	32580
1507 1523			CACAGUCC A CUGUCACC	11897	GGTGACAG GGCTAGCTACAACGA GGACTGTG	32581
1515	-					32582
1912 1912 1913 1914 1914 1915						
1398						
19648 1382 AANUGGC A CUUCGUAC 11932 GTACGAAG GGCTACTACAACGA GGCCCATT 32586 9718 1312 UUUGGCGC A UGUGUCAA 11945 TTGACACA GGCTACTACAACGA GGCCCAAA 32587 9774 1255 CUCUGUCC A CACAUCCU 11946 AGRAGTGG GGCTAGCTACAACGA GGCCCAAA 32588 9777 1253 UGUCCACC A CUCCUUGU 11966 ACAAGGAG GGCTAGCTACAACGA GGACAGGG 32588 9779 1240 UUGUCUGC A CACAAAAG 11971 CTTTTGTG GGCTACAACGA GGACAGACA 32589 97992 1238 GUCUGCAC A CAAAAGCU 11972 AGCTTGTG GGCTAGACAGA GGCCAGACA 32591 9809 1221 GGGUCAGC A CAAAAGCU 11976 GACAAACG GGCTAGCTACAACGA GTGCAGACA 32591 9818 1212 CGUUUGUC A UUGUCAGA 11976 GACAAACG GGCTAGCTACAACGA GCTACACCA 32591 9834 1196 CUUCUCCC A UGUGUGAG 11977 GCTCACAA GGCTAGCTACAACGA GCCAAACG 32591 9834 1196 CUUCUCCC A UGUGUGGA 11973 AGCTGGG GGCTAGCTACAACGA GGCAAACG 32595 9921 1109 CCGCCUCC A UAUCUAUC 12001 GAAGATGA GGCTAGCTACAACGA GGCAACC 32595 9921 1109 CCGCCUCC A UAUCUAUC 12001 GAAGATGA GGCTAGCTACAACGA GGAGAGA 32596 9927 1103 CCGAUAUUC A UCAUCUAC 12001 GAAGATGA GGCTAGCTACAACGA GAAGATAG 32597 9930 1100 UAUUCAUC A UCAUCUACA 12002 TGTGAAGA GGCTAGCTACAACGA GAAGATAG 32597 9936 1094 UCAUCUCC A UCGAUGU 12001 GAAGATGA GGCTAGCTACAACGA GAAGATAG 32599 9938 1092 AUCUUCAC A UCGAUGU 12005 ACCATCGA GGCTAACCAACGA GAAGATAG 32599 9938 1092 AUCUUCAC A UCGAUGU 12005 ACCATCGA GGCTAACCAACGA GAAGATAG 32599 9938 1092 AUCUUCAC A UCGAUGU 12005 ACCATCGA GGCTAACCAACGA GAAGATCA 32600 9963 1067 CCUUAGAC A UCGAUGU 12005 ACCATCGA GGCTAACCAACGA GAAGATCA 32600 10002 1010 UCCAAGAC A UCCAUCUC 12005 GACATCCA GGCTAACCAACGA GACTAACCA 32600 10002	-		L			
1312						
1255 CCCUGUICC A CCACUCCU 11964 AGGAGTGG GGCTAGCTACAACGA GGACAGGG 32588 9777 1253 UGUCCACC A CUCCUUGU 11966 ACAAGGAG GGCTAGCTACAACGA GGTGGACA 32590 1240 UUGUCIGC A CACAAAAG 11971 CTTTTGTG GGCTAGCTACAACGA GGAGACA 32590 9792 1238 GUCUGCAC A CACAAAAG 11971 AGCTTTTG GGCTAGCTACAACGA GTGAGCA 32590 9792 1238 GUCUGCAC A CAAAAGCU 11972 AGCTTTTG GGCTAGCTACAACGA GTGACAC 32590 1221 GGGUCAGC A CAGAGCAC 11976 GACAAAGG GGCTAGCTACAACGA GTGACCC 32591 1288 1212 CGUUUGUC A UUGUCAGC 11977 GCTCACAA GGCTAGCTACAACGA GCTAACCA 32590 12812 CGUUUGUC A UUGUCAGC 11977 GCTCACAA GGCTAGCTACAACGA GACAAAC 32593 1284 1196 CUUCUCCC A UUGUCACC 11977 GCTCACAA GGCTAGCTACAACGA GGAGAAC 32594 1286 GUUGGGG A CGAGCUU 11983 AAGCTGCG GGCTAGCTACAACGA GGAGAAC 32595 1100 CCCGCUCC A UUUUCAUC 12000 GATGAATA GGCTAGCTAACAACGA GGAGAGCG 32596 11982 CCCGCUCC A UUUUCAUC 12001 GARGATGA GGCTAGCTACAACGA GGAGAGCG 32597 1103 CCAUAUUC A UCUUCACA 12002 TGTGAAGA GGCTAGCTACAACGA GAAATAGG 32597 19330 1100 UUUUCAUC A UUCUUCCC 12002 TGTGAAGA GGCTAGCTACAACGA GAAATAGG 32599 1094 UCAUCUUCA 12002 TGTGAAGA GGCTAGCTACAACGA GAAATAGA 32599 1094 UCAUCUUCAC 12002 TGTGAAGA GGCTAGCTACAACGA GAAGATAGA 32598 1094 UCAUCUUCAC 12002 TGTGAAGA GGCTAGCTACAACGA GAAGATAGA 32598 1095 AUCUUCAC UCAUCUAC 12005 ACCATCAG GGCTAGCTACAACGA GAAGATAGA 32596 10002 1028 CCAABUCC CCCAUGUU 12005 ACCATCAG GGCTAGCTACAACGA GAAGATAGA 32591 10002 1028 CCAABUCC CCCAUGUU 12018 AACATGGG GGCTAGCTACAACGA GAAGATAGA 32601 10002 1028 CCAABUCC CCCAUGUU 12018 AACATGGG GGCTAGCTACAACGA GACTATAG 32601 10002 1028 CCAABUCC CCCAUGUU 12018 AACATGGG GGCTAGCTACAACGA GACTATTAG 32601 10004 926 CGAAGACA CCCAUGUU 12018 AACATGGG GGCTAGCTACAACGA GACTATTAG 32601 10004 926 CGAAGAGC CCCAGGGC 12010 CACTGATC GGCTAGCTACAACGA GGTAGCTACAACGA CCCAGGGC CCCAGGGC CCCAGGGC CCCA	9648	1382	AAAUGGCC A CUUCGUAC	11932		
1253	9718	1312	UUUGGCGC A UGUGUCAA	11945	TTGACACA GGCTAGCTACAACGA GCGCCAAA	32587
1240 UUGUCUGC A CACAAAAG 11971 CTTTTGTG GGCTAGCTACAACGA GCAGACA 32590 3292 1238 GUCUGCAC A CAAAAGCU 11972 AGCTTTTG GGCTAGCTACAACGA GTGCAGAC 32592 3898 1221 GGGUCAGC A CGAAAGCU 11973 GGCTAGCTACAACGA GTGCAGAC 32592 3818 1212 CGUUUGUC A UUGUGAGC 11977 GCTCACAA GGCTAGCTACAACGA GCTGACCC 32592 3834 1196 CUUCUCCC A UUGUGAGC 11977 GCTCACAA GGCTAGCTACAACGA GCAAACG 32593 3834 1196 CUUCUCCC A UUGUGAGC 11992 CCCGACCA GGCTAGCTACAACGA GGCAGAC 32595 39844 1186 GGUCGGGC A CGCAGCU 11993 AAGCTGCG GGCTAGCTACAACGA GGCAGAC 32595 3921 1109 CCGCCUCC A UAUUCAUC 12000 GATGAATA GGCTAGCTACAACGA GGCAGAC 32595 3921 1103 CCCAUAUUC A UCUUCACA 12001 GAAGATGA GGCTAGCTACAACGA GGAGAACA 32595 3927 1103 CCAUAUUCA UCUUCACA 12002 TGTGAAGA GGCTAGCTACAACGA GAATATGG 32597 3936 1094 UCAUCUUC A CAUCGAC 12002 TGTGAAGA GGCTAGCTACAACGA GAATATGG 32599 3936 1094 UCAUCUUCA A UCGUACA 12002 TGTGAAGA GGCTAGCTACAACGA GAAGAATA 32599 3936 1092 AUCUUCACA UCGUACAC 12002 TGTGAAGA GGCTAGCTACAACGA GAAGATA 32599 3938 1092 AUCUUCACA UCGUACAC 12005 ACCATCGA GGCTAGCTACAACGA GAAGATGA 32599 3067 CCUUAGAC UCGUAGAC 12009 GACTATCA GGCTAGCTACAACGA GTCAAGAA 32600 39963 1067 CCUUAGAC UCGUAGAC 12001 CACCTGCG GCTAGCTACAACGA GTCTAAGGA 32601 10006 1024 AUCCACCC UUGUAGAC 12010 CACCTGCG GCTAGCTACAACGA GTCTAACGA 32601 10006 1024 AUCCACCC UUGUAGAC 12010 CACCTGCG GCTAGCTACAACGA GCTTATCA 32601 10006 1024 AUCCACCC UUGUAGAC 12010 CACCTGCG GCTAGCTACAACGA GCTTATCA 32601 10006 1024 AUCCACCC UUGUAGAC 12011 CACCTGCG GCTAGCTACAACGA GCTTAGGA 32601 10006 1024 AUCCACCC UUGUAGAC 12011 CACCTGCG GCTAGCTACAACGA GCTTAGGA 32601 10006 1024 AUCCACCC UUGUAGAC 12011 CTTTGGA GCTAGCTACAACGA GCTTTGGA 32601 10006 1024 AUCCACCC UUGUAGACACA 12014 CTTTGGA GCTAGCTACAACGA GCTACCA 32601 10006 10006 10006 10006 10006 10006	9774	1256	CCCUGUCC A CCACUCCU	11964	AGGAGTGG GGCTAGCTACAACGA GGACAGGG	32588
9790 1240	9777	1253	UGUCCACC A CUCCUUGU	11966	ACAAGGAG GGCTAGCTACAACGA GGTGGACA	32589
9792 1238			1	11971	CTTTTGTG GGCTAGCTACAACGA GCAGACAA	32590
9809 1221 GGGUCAGC A CGUUUGUC 11976 GACAAACG GGCTAGCTACAACGA GCTGACCC 32592 9818 1212 CGUUUGUC A UUGUGAGC 11977 GCTCACAA GGCTAGCTACAACGA GACAAACG 32593 9834 1196 CGUUCUCCC A UGGUCAGG 11982 CCCGACCA GGCTAGCTACAACGA GGCAGAACG 32594 9844 1186 GGUCAGGC A CGCACCUU 11983 AAGCTGCC GGCTAGCTACAACGA GGCAGACC 32595 9921 1109 CCGCCUCC A UAUUCAUC 12000 GATGAATA GGCTAGCTACAACGA GGAGGAGG 32596 9927 1103 CCAUAUUCA UCAUCUUC 12001 GAAGATGA GGCTAGCTACAACGA GGAGGAGG 32595 9927 1103 CCAUAUUCA UCAUCUUC 12001 GAAGATGA GGCTAGCTACAACGA GAATATGA 32597 9930 1100 UAUUCAUC A UCAUCUUC 12001 GAAGATGA GGCTAGCTACAACGA GAATATGA 32597 9936 1094 UCAUCUUC A CAUCGAUG 12002 TGTGAAGAG GGCTAGCTACAACGA GATGAATA 32598 9936 1094 UCAUCUUC A CAUCGAUG 12004 CATCGATG GGCTAGCTACAACGA GAAGATGA 32599 9938 1092 AUCUUCACA UGAUAGUU 12005 ACCATGCA GGCTAGCTACAACGA GTGAAGAT 32599 9938 1097 AUCUUCACA UGAUAGUU 12005 ACCATGCA GGCTAGCTACAACGA GTCAAAGA 32600 9963 1067 CCUUAGAC A UGAUAGUU 12010 CACCTGCA GGCTAGCTACAACGA GTCTAAGG 32601 10002 1028 CCAAAUCC A CCCAUGUU 12010 CACCTGCA GGCTAGCTACAACGA GACTATCA 32602 10002 1028 CCAAAUCC A CCCAUGUU 12018 AACCATGCA GGCTAGCTACAACGA GGTTATCA 32602 10004 983 UGUUGCUC A UUCCAAGG 12034 CCTTGGAA GGCTAGCTACAACGA GTCTTGGAG 32605 10047 983 UGUUGCUC A UUCCAAGG 12034 CCTTGGAA GGCTAGCTACAACGA GTCTTGGAG 32605 10047 983 UGUUGCUC A UUCCAAGG 12041 GCTTTTTGC GGCTAGCTACAACGA GTCTTGGAG 32605 10047 983 UGUUGCUC A UUCCAAGG 12041 GCTTTTTGC GGCTAGCTACAACGA GTCTTGGAG 32605 10047 983 UGUUGCUC A UUCCAAGGA 12041 GCTTTTTGC GGCTAGCTACAACGA GTCTTGGAG 32605 10046 950 CUGAGGAC A CGACAAAC 12045 GCTTTTTGC GGCTAGCTACAACGA GCCACAGA 32605 10046 950 CUGAGGCA CACAACACA 12045 GCTTTTTTTGC GGCTAGCTACAACGA GCCACAGA 32605 10046 950 CUGAGGCA A CCAAAGCA 12045 GCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT						32591
9818 1212						
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9844 1186			<u></u>	·		
9921 1109 CCGCCUCC A UAUUCAUC 12000 GATGARTA GGCTACAACQA GGAGGCGG 32596 9927 1103 CCAUAUUC A UCAUCUUC 12001 GAAGATGA GGCTAGCTACAACGA GAATATGG 32597 9930 1100 UAUUCAUC A UCUUCACA 12002 TGTGAAGA GGCTAGCTACAACGA GATGAATA 32598 9936 1094 UCAUCUUCA C AUGAUGGU 12004 CATCGATG GGCTAGCTACAACGA GAGAATCA 32599 9938 1092 AUCUUCAC A UCGAUGGU 12005 ACCATCGA GGCTAGCTACAACGA GTCTAAGG 32600 9953 1067 CCUUAGAC A UGAUAGUC 12009 GACTATCA GGCTACAACGA GTCTAAGG 32601 1972 1058 UGAUAGUC A CCCAUGUU 12018 AACATGGA GGCTAGCTACAACGA GACTATCA 32602 10002 1018 CCAAAUCC A CCCAUGUU 12018 AACATGGA GGCTAGCTACAACGA GACTACA 32604 10047 983 UGUUGCUC A UUCCAAGG 12021 GAGCAACA GGCTAGCTACAACGA GTCTGGAA 32605 10047 983 UGUUGUC A UUCCAAGG 12041 GCTTTGGA GGCTACAACGA GACCAACA 32606 10095 935 GCAAAACA				 		
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9930 1100 UAUUCAUC A UCUUCACA 12002 TGTGAAGA GGCTAGCTACAACGA GATGAATA 32598 9936 1094 UCAUCUUC A CAUCGAUG 12004 CATCGATG GGCTAGCTACAACGA GAAGATGA 32599 9938 1092 AUCUUCAC A UGANIGGU 12005 ACCATCGA GGCTAGCTACAACGA GTCTAGAGG 32600 9963 1067 CCUUAGAC A UGANIGUC 12009 GACTATCA GGCTAGCTACAACGA GTCTAAGG 32601 9972 1058 UGAUGUC A CGCAGCUG 12010 CAGCTGG GGCTAGCTACAACGA GACTATCA 32602 10002 1028 CCAAAUCC A CGCAGCUG 12011 BACATGGG GGCTAGCTACAACGA GACTATCA 32603 10006 1024 AUCCACCC A UGUUGCUC 12021 GAGCAACA GCCTAGCTACAACGA GGTCTGGAG 32605 10047 983 UGUUGUC A UUCCAAGG 12025 GGAAGGA GGCTAGCTACAACGA GTCTGGAG 32606 10080 950 CUGGGGC A CCAAAAC 12041 GCTTTGGAA GGCTAGCTACAACGA GCCCAGG 32607 10014 925 CGACAAAC A CAACUCUC 12047 GAGGTAGCTACAACGA GTTTGTC 32609 10164 934 CUU	9921	1109	CCGCCUCC A UAUUCAUC	12000		32596
9936 1094 UCAUCUUC A CAUCGAUG 12004 CATCGATG GGCTAGCTACAACGA GAAGATGA 32599 9938 1092 AUCUUCAC A UCGAUGGU 12005 ACCATCGA GGCTAGCTACAACGA GTGAAGAT 32600 9963 1067 CCUUAGAC A UGAUAGUC 12009 GACTATCA GGCTAGCTACAACGA GTCTAAGG 32601 9972 1058 UGAUAGUC A CGCAGCUG 12010 CAGCTGCG GGCTAGCTACAACGA GACTATCA 32602 10002 1028 CCAAAUCC A CCCAUGUU 12018 AACATGGG GGCTAGCTACAACGA GACTATCA 32603 10006 1024 AUCCACCC A UGUUGCC 12021 GAGCAACA GGCTAGCTACAACGA GGCTTGGA 32604 10020 1010 CUCCAGAC A CUCCUUCC 12025 GGAAGGAG GGCTAGCTACAACGA GGCTACGA 32606 10047 983 UGUUGCUC A CUCCAAGG 12041 GCTTTTGG GGCTAGCTACAACGA GGCCCCAG 32607 10095 935 CCAAUAGC A CAACAAC 12045 GTTTTGC GGCTAGCTACAACGA GGCTATGC 32608 10104 926 CGACAAAC A CAACUCUC 12047 GAGAGTTG GACCAACGA GCTTTGCA 32619 10116 914 CUCUCUGC A UGCU	9927	1103	CCAUAUUC A UCAUCUUC	12001	GAAGATGA GGCTAGCTACAACGA GAATATGG	32597
9938 1092 AUCUUCAC A UCGAUGGU 12005 ACCATCGA GGCTACAACGA GTGAAGAT 32600 9963 1067 CCUUAGAC A UGAUAGUC 12009 GACTATCA GGCTACAACGA GTCTAAGG 32601 9972 1058 UGAUAGUC A CGCAGCUG 12010 CAGCTGCG GGCTAGCTACAACGA GACTATCA 32602 10002 1028 CCAAAUCC A CCCAUGUU 12018 AACATGG GGCTAGCTACAACGA GGATTTG 32603 10006 1024 AUCCACCC A UGUUGCUC 12021 GAGCAACA GGCTAGCTACAACGA GGTCTGGAG 32605 10040 1010 CUCCAGAC A CUCCUUCC 12025 GGAAGGAG GGCTACCAACGA GGTCTACAACGA 32605 10047 983 UGUUGCUC A UUCCAAGG 12041 GCTTTGGAG GGCTACAACGA GACCACA 32606 10080 950 CUGGGGCC A CCAAAAC 12041 GCTTTTGG GGCTACAACGA GCCCAGG 32607 10014 926 CGACAAAC A CAACUCUC 12047 GAGATGCTACAACGA GCTAGGAGG 32609 10114 896 UCCCAAGC A UCCAACCA 12057 TGGTTGGA GGCTACAACGA GCAGAGAG 32611 10155 875 CGGCUGC A CCAGGGCA 12064	9930	1100	UAUUCAUC A UCUUCACA	12002	TGTGAAGA GGCTAGCTACAACGA GATGAATA	32598
9963 1067 CCUUAGAC A UGAUAGUC 12009 GACTATCA GGCTACAACGA GTCTAAGG 32601 9972 1058 UGAUAGUC A CGCAGCUG 12010 CAGCTGCG GGCTACAACGA GACTATCA 32602 10002 1028 CCAAAUCC A CCCAUGUU 12018 AACATGGG GGCTAGCTACAACGA GACTATCA 32603 10006 1024 AUCCACCC A UGUUGCUC 12021 GAGCAAC GGCTAGCTACAACGA GGCTAGGA 32604 10020 10100 CUCCAGAC A CUCCUUCC 12025 GGAAGGAG GGCTAGCTACAACGA GGTCGGAG 32604 10047 983 UGUUGCUC A UUCCAAGG 12034 CCTTGGAA GGCTACAACGA GGCCAGA 32606 10080 950 CUGGGGCC A CCAAAAGC 12041 GCTTTTGG GGCTAGCTACAACGA GGCCCAG 32607 10095 935 GCAAUAGC A CACCUUC 12045 GTTTGTGG GGCTAGCTACAACGA GGCCCAG 32607 10104 926 CGACAAAC ACACUCUC 12047 GAGAGTTG GGCTAGCTACAACGA GTTTGTCG 32609 10116 914 CUCUCUGC A UGCUGUUG 12052 CAACACCA GGCTAGCTACAACGA GTTTGTCG 32609 10116 914 CUCUCUGC A UGCAACCA 12057 TGGTTGGA GGCTACAACGA GTTTGTCG 32609 10116 914 CUCCUGC A UGCAACCA 12057 TGGTTGGA GGCTACAACGA GCTTTGGA 32601 10134 896 UCCCAAGCA 12057 TGGTTGGA GGCTAGCTACAACGA GCTTTGGGA 32610 10134 896 UCCCAAGCA LOCAACCA 12057 TGGTTGGA GGCTAGCTACAACGA GCTTGGGA 32611 10155 875 CGGCUGCC A CCAGGGCA 12064 TGCCCTGG GGCTAGCTACAACGA GCTTGGGA 32611 10163 867 ACCAGGGC A UAUCCAGG 12067 CCTGGATA GGCTAGCTACAACGA GCCTTGGT 32613 10163 867 ACCAGGGC A UAUCCAGG 12067 CCTGGATA GGCTAGCTACAACGA GCCTTGGT 32614 10230 800 UGCUGUCC A UGAUUCUG 12074 CAGAACCA GGCTAGCTACAACGA GCCCTGGT 32614 10230 800 UGCUGUCC A UCCAAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GCAGACAC 32615 10278 752 GUGUUGC A UCCAAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GCAGACAC 32615 10324 706 CUUGGUC A UCCAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GCAGACAC 32615 10324 706 CUUGGUGC A UCUCCAU 1210 GTCAGGTA GGCTAGCTACAACGA GCAGACAC 32616 10324 706 CUUGGUC A UCCAGGC 12084 GGCTTGGA GGCTAGCTACAACGA GCAGACA 32615 10331 699 CAUCUUCC A UCCAGGC 12084 GGCTTGGA GGCTAGCTACAACGA GCAGACA 32615 10360 670 CUUUGUGC A UCCAGGC 12110 GTCAGGTA GGCTAGCTACAACGA GCACAACG 32616 10324 706 CUUGGUGC A UCCACAGC 12110 GTCAGGTA GGCTAGCTACAACGA GCACAACG 32616 10326 645 UCCUGGAU 12127 ATGGAGA GGCTAGCTACAACGA GCACAACG 32616 10360 670 CUUUGUGC A UCCACAGC 12110 GTCAGGTA GGCTAG	9936	1094	UCAUCUUC A CAUCGAUG	12004	CATCGATG GGCTAGCTACAACGA GAAGATGA	32599
9963 1067 CCUUAGAC A UGAUAGUC 12009 GACTATCA GGCTACAACGA GTCTAAGG 32601 9972 1058 UGAUAGUC A CGCAGCUG 12010 CAGCTGG GGCTAGCTACAACGA GACTATCA 32602 10002 1028 CCAAAUCC A CCCAUGUU 12018 AACATGGG GGCTAGCTACAACGA GGATTTG 32603 10006 1024 AUCCACCC A UGUUGCUC 12021 GAGCAACA GGCTAGCTACAACGA GGGTGGAT 32604 10020 1010 CUCCAGAC A CUCCUUCC 12025 GGAAGGAG GGCTACCAACGA GTCTGAAG 32605 10047 983 UGUUGCUC A UUCCAAGG 12041 GCTTTGGA GGCTACAACGA GACCACA 32606 10080 950 CUGGGGCC A CCAAAAGC 12041 GCTTTGGG GGCTACAACGA GCCCCAG 32607 10095 935 GCAAUAGC A CAACUCUC 12045 GTTTGTGG GGCTACACACGA GTTTGTC 32608 10116 914 CUCUCUGC A UGCUGUUG 12047 GAGATTG GGCTACAACGA GTTTGTC 32609 10116 914 CUCUCUGC A UGCAACCA 12057 TGGTTGGA GCTACAACGA GCTAGAGAG 32611 10155 875 CGGCUGC A UCCAAGCA 120	9938	1092	AUCUUCAC A UCGAUGGU	12005	ACCATCGA GGCTAGCTACAACGA GTGAAGAT	32600
9972 1058 UGAUAGUC A CGCAGCUG 12010 CAGCTGCG GGCTAGCTACAACGA GACTATCA 32602 10002 1028 CCAAAUCC A CCCAUGUU 12018 AACATGGG GGCTAGCTACAACGA GGATTTGG 32603 10006 1024 AUCCACCC A UGUUGCUC 12021 GAGCAACA GGCTAGCTACAACGA GGTTGGAT 32604 10020 1010 CUCCAGAC A CUCCUUCC 12025 GGAAGGAG GGCTAGCTACAACGA GGCCACA 32605 10047 983 UGUUGCUC A UUCCAAGG 12034 CCTTGGAG GGCTAGCTACAACGA GGCCCCAG 32605 10080 950 CUGGGGCC A CCAAAAGC 12041 GCTTTGTG GGCTAGCTACAACGA GGCCCCAG 32607 10095 935 GCAAUAGC A CAACUCUC 12045 GTTTGTG GGCTAGCTACAACGA GCTATTGC 32608 10104 926 CGACAAAC A CAACUCUC 12047 GAGAGTTG GGCTAGCTACAACGA GCTTGCGG 32619 10116 914 CUCUCUGC A UGGUGUU 12052 CAACACCA GGCTAGCTACAACGA GCTTGGGA 32611 10155 875 CGGCUGCC A CCAGGGCA 12064 TGCCCTGG GGCTAGCTACAACGA GCCCTGGT 32612 10163 867 ACCAGGGC	-			12009	GACTATCA GGCTAGCTACAACGA GTCTAAGG	32601
10002 1028 CCRAAUCC A CCCAUGUU 12018 AACATGGG GGCTAGCTACAACGA GGATTTGG 32603 10006 1024 AUCCACCC A UGUUGCUC 12021 GAGCAACA GGCTAGCTACAACGA GGGTGGAT 32604 10020 1010 CUCCAGAC A CUCCUUCC 12025 GGAAGGAG GGCTAGCTACAACGA GTCTGGAG 32605 10047 983 UGUUGCUC A UUCCAAGG 12034 CCTTGGAA GGCTACCAACGA GGCCCCAG 32606 10080 950 CUGGGGC A CCAAAAGC 12041 GCTTTGG GGCTAGCTACAACGA GGCCCCAG 32606 10104 926 CGACAACA A CAACUCUC 12045 GTTTGTG GGCTAGCTACAACGA GTTTGTCG 32609 10116 914 CUCUCUGC A UGGUGUUG 12052 CAACACCA GGCTAGCTACAACGA GTTTGTCG 32609 10134 896 UCCCAAGC A UCCAACCA 12057 TGGTTGGA GGCTAGCTACAACGA GCAGCGGA 32611 10155 875 CGGCUGCC A CCAGGGCA 12064 TGCCTGGAT GGCTACAACGA GCCTTGGT 32612 10163 867 ACCAGGGC A UAUCCAGG 12074 CAGAATCA GGCTAGCTACAACGA GCCTTGGT 32614 10230 800 UGCUGCA C UCCAA						
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10095 935 GCAAUAGC A CGACAAAC 12045 GTTTGTCG GGCTAGCTACAACGA GCTATTGC 32608 10104 926 CGACAAAC A CAACUCUC 12047 GAGAGTTG GGCTAGCTACAACGA GTTTGTCG 32609 10116 914 CUCUCUGC A UGGUGUG 12052 CAACACCA GGCTAGCTACAACGA GCAGAGAG 32610 10134 896 UCCCAAGC A UCCAACCA 12057 TGGTTGGA GGCTAGCTACAACGA GCTTGGGA 32611 10155 875 CGGCUGC A CCAGGGCA 12064 TGCCTGG GGCTAGCTACAACGA GCCAGCCG 32612 10163 867 ACCAGGGC A UAUCCAGG 12067 CCTGGATA GGCTAGCTACAACGA GCCCTGGT 32613 10186 844 CAAGAUCC A UGAUUCUG 12074 CAGAATCA GGCTAGCTACAACGA GCACTACA 32614 10230 800 UGCUGUCC A UCCAAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GCAGCAC 32615 10278 752 GUGUCUGC A UCUUCCAU 12098 ACTGACAG GGCTAGCTACAACGA GCACCAAG 32616 10324 706 CUUGGUC A UCUUCCAU 12107 ATGGAAGA GGCTAGCTACAACGA GCACCAAG 32617 10331 699 CAUCUUCC A UAC	10047	983	UGUUGCUC A UUCCAAGG	12034	CCTTGGAA GGCTAGCTACAACGA GAGCAACA	32606
10095 935 GCAAUAGC A CGACAAAC 12045 GTTTGTCG GGCTAGCTACAACGA GCTATTGC 32608 10104 926 CGACAAAC A CAACUCUC 12047 GAGAGTTG GGCTAGCTACAACGA GTTTGTCG 32609 10116 914 CUCUCUGC A UGGUGUG 12052 CAACACCA GGCTAGCTACAACGA GCAGAGAG 32610 10134 896 UCCCAAGC A UCCAACCA 12057 TGGTTGGA GGCTAGCTACAACGA GCTTGGGA 32611 10155 875 CGGCUGCC A CCAGGGCA 12064 TGCCCTGG GGCTAGCTACAACGA GCCAGCCG 32612 10163 867 ACCAGGGC A UAUCCAGG 12067 CCTGGATA GGCTAGCTACAACGA GCCCTGGT 32613 10186 844 CAAGAUCC A UGAUUCUG 12074 CAGAATCA GGCTAGCTACAACGA GCACTACAACGA GCACCAA 32614 10230 800 UGCUGUCC A UCCAAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GCAGACAC 32615 10278 752 GUGUCUGC A CUGUCCAU 12098 ACTGACAG GGCTAGCTACAACGA GCACCAAG 32616 10324 706 CUUGGUC A UCCUCCAU 12107 ATGGAGAG GGCTAGCTACAACGA GCACCAAG 32618 10331 699 <td< td=""><td>10080</td><td>950</td><td>CUGGGGCC A CCAAAAGC</td><td>12041</td><td>GCTTTTGG GGCTAGCTACAACGA GGCCCCAG</td><td>32607</td></td<>	10080	950	CUGGGGCC A CCAAAAGC	12041	GCTTTTGG GGCTAGCTACAACGA GGCCCCAG	32607
10104 926 CGACAAAC A CAACUCUC 12047 GAGAGTTG GGCTAGCTACAACGA GTTTGTCG 32609 10116 914 CUCUCUGC A UGGUGUUG 12052 CAACACCA GGCTAGCTACAACGA GCAGAGAG 32610 10134 896 UCCCAAGC A UCCAACCA 12057 TGGTTGGA GGCTAGCTACAACGA GCTTGGGA 32611 10155 875 CGGCUGCC A CCAGGGCA 12064 TGCCCTGG GGCTAGCTACAACGA GCAGCCG 32612 10163 867 ACCAGGGC A UAUCCAGG 12067 CCTGGATA GGCTAGCTACAACGA GCCCTGGT 32613 10186 844 CAAGAUCC A UGAUUCUG 12074 CAGAATCA GGCTAGCTACAACGA GGACAGCA 32614 10230 800 UGCUGUCC A UCCAAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GGACAGCA 32615 10278 752 GUGUCUGC A UCUUCCAU 12098 ACTGACAG GGCTAGCTACAACGA GCACCAAG 32616 10324 706 CUUGGUC A UCCUGAC 12107 ATGGAGGA GGCTAGCTACAACGA GCACCAAG 32617 10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTAGCTACAACGA GCACCAAGA 32618 10360 670 CUUGUGAC A	10095	935		12045	GTTTGTCG GGCTAGCTACAACGA GCTATTGC	32608
10116 914 CUCUCUGC A UGGUGUUG 12052 CAACACCA GGCTAGCTACAACGA GCAGAGAG 32610 10134 896 UCCCAAGC A UCCAACCA 12057 TGGTTGGA GGCTAGCTACAACGA GCTTGGA 32611 10155 875 CGGCUGCC A CCAGGGCA 12064 TGCCCTGG GGCTAGCTACAACGA GCAGCCG 32612 10163 867 ACCAGGGC A UAUCCAGG 12067 CCTGGATA GGCTAGCTACAACGA GCCTGGT 32613 10186 844 CAAGAUCC A UGAUUCUG 12074 CAGAATCA GGCTAGCTACAACGA GCACACGA GACACCA 32614 10230 800 UGCUGUCC A UCCAAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GGACACCA 32615 10278 752 GUGUCUGC A CUGUCAGU 12098 ACTGACAG GGCTAGCTACAACGA GCAGCACA 32616 10324 706 CUUGGUCC A UCCUCCAU 12107 ATGGAAGA GGCTAGCTACAACGA GCACCAAG 32617 10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTACAACGA GCACAAAG 32618 10360 670 CUUUGUC A UACCAGC 12116 ACTGTTGG GGCTAGCTACAACGA GACAAAG 32629 10401 629 CCGACAGC A			<u> </u>	12047		32609
10134 896 UCCCAAGC A UCCAACCA 12057 TGGTTGGA GGCTAGCTACAACGA GCTTGGA 32611 10155 875 CGGCUGCC A CCAGGGCA 12064 TGCCCTGG GGCTAGCTACAACGA GGCAGCCG 32612 10163 867 ACCAGGGC A UAUCCAGG 12067 CCTGGATA GGCTAGCTACAACGA GCCTGGT 32613 10186 844 CAAGAUCC A UGAUUCUG 12074 CAGAATCA GGCTAGCTACAACGA GGACACGA 32614 10230 800 UGCUGUCC A UCCAAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GGACAGCA 32615 10278 752 GUGUCUGC A UCCUCGAU 12098 ACTGACAG GGCTAGCTACAACGA GCAGCACAC 32616 10324 706 CUUGGUGC A UCCUCCAU 12107 ATGGAAGA GGCTAGCTACAACGA GCACCAAG 32617 10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTAGCTACAACGA GGAAGAG 32618 10360 670 CUUUGUGAU A UAACCAGC 12116 ACTGTTGG GGCTAGCTACAACGA GACCAAAGG 32619 10385 645 UCUGGAUC A UUACCAGC 12122 GCTGGTAA GGCTACAACGA GATCCAGA 32620 10401 629 CCGACAGC A CU				+	<u></u>	
10155 875 CGGCUGCC A CCAGGGCA 12064 TGCCCTGG GGCTAGCTACAACGA GGCAGCCG 32612 10163 867 ACCAGGGC A UAUCCAGG 12067 CCTGGATA GGCTAGCTACAACGA GCCCTGGT 32613 10186 844 CAAGAUCC A UGAUUCUG 12074 CAGAATCA GGCTAGCTACAACGA GGACTAGC 32614 10230 800 UGCUGUCC A UCCAAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GGACAGCA 32615 10278 752 GUGUCUGC A CUGUCAGU 12098 ACTGACAG GGCTAGCTACAACGA GCAGACAC 32616 10324 706 CUUGGUGC A UCUUCCAU 12107 ATGGAAGA GGCTAGCTACAACGA GCACCAAG 32617 10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTAGCTACAACGA GGAAGATG 32618 10360 670 CUUUGUGC A CCAACAGU 12116 ACTGTTGG GGCTAGCTACAACGA GCACAAAG 32619 10385 645 UCUGGAUC A UUACCAGC 12122 GCTGGTAA GGCTACAACGA GATCCAGA 32620 10401 629 CCGACAGC A CUGGGCAU 12127 ATGCCCAG GGCTAGCTACAACGA GCCCAGTG 32621 10408 622 CACUGGGC A UU					<u> </u>	
10163 867 ACCAGGGC A UAUCCAGG 12067 CCTGGATA GGCTAGCTACAACGA GCCCTGGT 32613 10186 844 CAAGAUCC A UGAUUCUG 12074 CAGAATCA GGCTAGCTACAACGA GGATCTTG 32614 10230 800 UGCUGUCC A UCCAAGCC 12084 GGCTTGGA GGCTACAACGA GGACAGCA 32615 10278 752 GUGUCUGC A CUGUCAGU 12098 ACTGACAG GGCTAGCTACAACGA GCAGCACC 32616 10324 706 CUUGGUGC A UCUUCCAU 12107 ATGGAAGA GGCTAGCTACAACGA GCACCAAG 32617 10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTACAACGA GGAAGAGT 32618 10360 670 CUUUGUGC A CCAACAGU 12116 ACTGTTGG GGCTAGCTACAACGA GCACAAAG 32619 10385 645 UCUGGAUC A UUACCAGC 12122 GCTGGTAA GGCTAGCTACAACGA GATCCAGA 32620 10401 629 CCGACAGC A CUGGGCAU 12127 ATGCCCAG GGCTAGCTACAACGA GCCCAGTG 32621 10408 622 CACUGGGC A UUCAUAAG 12129 CTTATGAA GGCTAGCTACAACGA GACCAGGA GCCCAGTG 32622 10412 618 GGGCAUUC						
10186 844 CAAGAUCC A UGAUUCUG 12074 CAGAATCA GGCTAGCTACAACGA GGATCTTG 32614 10230 800 UGCUGUCC A UCCAAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GGACAGCA 32615 10278 752 GUGUCUGC A CUGUCAGU 12098 ACTGACAG GGCTAGCTACAACGA GCAGCACC 32616 10324 706 CUUGGUGC A UCUUCCAU 12107 ATGGAAGA GGCTAGCTACAACGA GCACCAAG 32617 10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTAGCTACAACGA GGAAGATG 32618 10360 670 CUUUGUGC A CCAACAGU 12116 ACTGTTGG GGCTAGCTACAACGA GCACAAAG 32619 10385 645 UCUGGAUC A UUACCAGC 12122 GCTGGTAA GGCTAGCTACAACGA GATCCAGA 32620 10401 629 CCGACAGC A CUGGGCAU 12127 ATGCCCAG GGCTAGCTACAACGA GCCCAGTG 32621 10408 622 CACUGGGC A UUCAUAAG 12129 CTTATGAA GGCTAGCTACAACGA GACCAACGA 32622 10412 618 GGGCAUUC A UAAGUGAU 12130 ATCACTTA GGCTAGCTACAACGA GATACTAT 32624 10427 603 AUAGUAUC			, <u> </u>		L	
10230 800 UGCUGUCC A UCCAAGCC 12084 GGCTTGGA GGCTAGCTACAACGA GGACAGCA 32615 10278 752 GUGUCUGC A CUGUCAGU 12098 ACTGACAG GGCTAGCTACAACGA GCAGCACC 32616 10324 706 CUUGGUGC A UCUUCCAU 12107 ATGGAAGA GGCTAGCTACAACGA GCACCAAG 32617 10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTAGCTACAACGA GGAAGATG 32618 10360 670 CUUUGUGC A CCAACAGU 12116 ACTGTTGG GGCTAGCTACAACGA GCACAAAG 32619 10385 645 UCUGGAUC A UUACCAGC 12122 GCTGGTAA GGCTAGCTACAACGA GATCCAGA 32620 10401 629 CCGACAGC A CUGGGCAU 12127 ATGCCCAG GGCTAGCTACAACGA GCTGTGG 32621 10408 622 CACUGGGC A UUCAUAAG 12129 CTTATGAA GGCTAGCTACAACGA GCCCAGTG 32622 10412 618 GGGCAUUC A UAAGUGAU 12130 ATCACTTA GGCTAGCTACAACGA GAATGCCC 32623 10427 603 AUAGUAUC A UCGCACAU 12131 ATGTGCA GGCTAGCTACAACGA GATACTAT 32624						
10278 752 GUGUCUGC A CUGUCAGU 12098 ACTGACAG GGCTAGCTACAACGA GCAGACAC 32616 10324 706 CUUGGUGC A UCUUCCAU 12107 ATGGAAGA GGCTAGCTACAACGA GCACCAAG 32617 10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTAGCTACAACGA GGAAGATG 32618 10360 670 CUUUGUGC A CCAACAGU 12116 ACTGTTGG GGCTAGCTACAACGA GCACAAAG 32619 10385 645 UCUGGAUC A UUACCAGC 12122 GCTGGTAA GGCTAGCTACAACGA GATCCAGA 32620 10401 629 CCGACAGC A CUGGGCAU 12127 ATGCCCAG GGCTAGCTACAACGA GCTGTGG 32621 10408 622 CACUGGGC A UUCAUAAG 12129 CTTATGAA GGCTAGCTACAACGA GCCCAGTG 32622 10412 618 GGGCAUUC A UAAGUGAU 12130 ATCACTTA GGCTAGCTACAACGA GATGCCC 32623 10427 603 AUAGUAUC A UCGCACAU 12131 ATGTGCGA GGCTAGCTACAACGA GATACTAT 32624	10186	844				
10324 706 CUUGGUGC A UCUUCCAU 12107 ATGGAAGA GGCTAGCTACAACGA GCACCAAG 32617 10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTAGCTACAACGA GGAAGATG 32618 10360 670 CUUUGUGC A CCAACAGU 12116 ACTGTTGG GGCTAGCTACAACGA GCACAAAG 32619 10385 645 UCUGGAUC A UUACCAGC 12122 GCTGGTAA GGCTAGCTACAACGA GATCCAGA 32620 10401 629 CCGACAGC A CUGGGCAU 12127 ATGCCCAG GGCTAGCTACAACGA GCTGTCGG 32621 10408 622 CACUGGGC A UUCAUAAG 12129 CTTATGAA GGCTAGCTACAACGA GCCCAGTG 32622 10412 618 GGGCAUUC A UAAGUGAU 12130 ATCACTTA GGCTAGCTACAACGA GATGCCC 32623 10427 603 AUAGUAUC A UCGCACAU 12131 ATGTGCGA GGCTAGCTACAACGA GATACTAT 32624	10230	800	UGCUGUCC A UCCAAGCC	12084		
10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTAGCTACAACGA GGAAGATG 32618 10360 670 CUUUGUGC A CCAACAGU 12116 ACTGTTGG GGCTAGCTACAACGA GCACAAAG 32619 10385 645 UCUGGAUC A UUACCAGC 12122 GCTGGTAA GGCTAGCTACAACGA GATCCAGA 32620 10401 629 CCGACAGC A CUGGGCAU 12127 ATGCCCAG GGCTAGCTACAACGA GCTGTCGG 32621 10408 622 CACUGGGC A UUCAUAAG 12129 CTTATGAA GGCTAGCTACAACGA GCCCAGTG 32622 10412 618 GGGCAUUC A UAAGUGAU 12130 ATCACTTA GGCTAGCTACAACGA GATGCCC 32623 10427 603 AUAGUAUC A UCGCACAU 12131 ATGTGCGA GGCTAGCTACAACGA GATACTAT 32624	10278	752	GUGUCUGC A CUGUCAGU	12098	ACTGACAG GGCTAGCTACAACGA GCAGACAC	
10331 699 CAUCUUCC A UACCUGAC 12110 GTCAGGTA GGCTAGCTACAACGA GGAAGATG 32618 10360 670 CUUUGUGC A CCAACAGU 12116 ACTGTTGG GGCTAGCTACAACGA GCACAAAG 32619 10385 645 UCUGGAUC A UUACCAGC 12122 GCTGGTAA GGCTAGCTACAACGA GATCCAGA 32620 10401 629 CCGACAGC A CUGGGCAU 12127 ATGCCCAG GGCTAGCTACAACGA GCTGTCGG 32621 10408 622 CACUGGGC A UUCAUAAG 12129 CTTATGAA GGCTAGCTACAACGA GCCCAGTG 32622 10412 618 GGGCAUUC A UAAGUGAU 12130 ATCACTTA GGCTAGCTACAACGA GATGCCC 32623 10427 603 AUAGUAUC A UCGCACAU 12131 ATGTGCGA GGCTAGCTACAACGA GATACTAT 32624	10324	706	CUUGGUGC A UCUUCCAU	12107	ATGGAAGA GGCTAGCTACAACGA GCACCAAG	32617
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10412 618 GGGCAUUC A UAAGUGAU 12130 ATCACTTA GGCTAGCTACAACGA GAATGCCC 32623 10427 603 AUAGUAUC A UCGCACAU 12131 ATGTGCGA GGCTAGCTACAACGA GATACTAT 32624				+		
10427 603 AUAGUAUC A UCGCACAU 12131 ATGTGCGA GGCTAGCTACAACGA GATACTAT 32624						
			 	+		
10432 598 AUCAUCGC A CAUGUAUC 12132 GATACATG GGCTAGCTACAACGA GCGATGAT 32625	10427	603	AUAGUAUC A UCGCACAU	12131		32624
	10432	598	AUCAUCGC A CAUGUAUC	12132	GATACATG GGCTAGCTACAACGA GCGATGAT	32625

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10434	596	CAUCGCAC A UGUAUCCC	12133	GGGATACA GGCTAGCTACAACGA GTGCGATG	32626
10443	587	UGUAUCCC A CAUCCAUU	12136	AATGGATG GGCTAGCTACAACGA GGGATACA	32627
10445	585	UAUCCCAC A UCCAUUGC	12137	GCAATGGA GGCTAGCTACAACGA GTGGGATA	32628
	581	CCACAUCC A UUGCUCUG	12139	CAGAGCAA GGCTAGCTACAACGA GGATGTGG	32629
10449				AGAACCTA GGCTAGCTACAACGA GCATTGTC	
10465	565	GACAAUGC A UAGGUUCU	12143		32630
10502	528	GUGAUGAC A UCUGUGAC	12149	GTCACAGA GGCTAGCTACAACGA GTCATCAC	32631
10520	510	UCAGUAGC A UUUACCGU	12152	ACGGTAAA GGCTAGCTACAACGA GCTACTGA	32632
10530	500	UUACCGUC A UCAUCACC	12154	GGTGATGA GGCTAGCTACAACGA GACGGTAA	32633
10533	497	CCGUCAUC A UCACCUUC	12155	GAAGGTGA GGCTAGCTACAACGA GATGACGG	32634
10536	494	UCAUCAUC A CCUUCCCU	12156	AGGGAAGG GGCTAGCTACAACGA GATGATGA	32635
10593	437	GGCCAAUC A UGACUGCA	12170	TGCAGTCA GGCTAGCTACAACGA GATTGGCC	32636
			12184	TTGACCAG GGCTAGCTACAACGA GCTATCAA	32637
10655	375	UUGAUAGC A CUGGUCAA			
10701	329	GGUGUUUC A UCGCUGUU	12195	AACAGCGA GGCTAGCTACAACGA GAAACACC	32638
10719	311	GUUUGUUC A CACCUCUC	12197	GAGAGGTG GGCTAGCTACAACGA GAACAAAC	32639
10721	309	UUGUUCAC A CCUCUCCA	12198	TGGAGAGG GGCTAGCTACAACGA GTGAACAA	32640
10729	301	ACCUCUCC A UCGAUCCA	12203	TGGATCGA GGCTAGCTACAACGA GGAGAGGT	32641
10740	290	GAUCCAGC A CUGCUCGG	12206	CCGAGCAG GGCTAGCTACAACGA GCTGGATC	32642
10794	236	GAGCCAAC A CAAAUCGU	12217	ACGATTTG GGCTAGCTACAACGA GTTGGCTC	32643
10833	197	GGCUCAAC A UAGCCCUC	12227	GAGGGCTA GGCTAGCTACAACGA GTTGAGCC	32644
			12237	GCCCGCG GGCTAGCTACAACGA GTTGTCCT	32645
10863	167	AGGACAAC A CGCGGGGC			
10872	158	CGCGGGC A UUCCGCGU	12238	ACGCGGAA GGCTAGCTACAACGA GCCCCGCG	32646
10887	143	GUUUUAGC A UAUUGACA	12240	TGTCAATA GGCTAGCTACAACGA GCTAAAAC	32647
10932	98	UCUUAGAC A UCGAGAUC	12253	GATCTCGA GGCTAGCTACAACGA GTCTAAGA	32648
10963	67	CAGCUCGC A CUGUGUUA	12258	TAACACAG GGCTAGCTACAACGA GCGAGCTG	32649
10988	42	UAAUCCUC A CAAACACU	12262	AGTGTTTG GGCTAGCTACAACGA GAGGATTA	32650
10994	36	UCACAAAC A CUACUAAG	12264	CTTAGTAG GGCTAGCTACAACGA GTTTGTGA	32651
11014	16	GUCAGCUC A CACAGGCG	12269	CGCCTGTG GGCTAGCTACAACGA GAGCTGAC	32652
11016	14	CAGCUCAC A CAGGCGAA	12270	TTCGCCTG GGCTAGCTACAACGA GTGAGCTG	32653
10	11020	GAUCCUGU G UUCUCGCA	12272	TGCGAGAA GGCTAGCTACAACGA ACAGGATC	32654
16	11014	GUGUUCUC G CACCACCA	12273	TGGTGGTG GGCTAGCTACAACGA GAGAACAC	32655
25	11005	CACCACCA G CCACCAUU	12274	AATGGTGG GGCTAGCTACAACGA TGGTGGTG	32656
34	10996	CCACCAUU G UCGGCGCA	12275	TGCGCCGA GGCTAGCTACAACGA AATGGTGG	32657
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40	10990	UUGUCGGC G CACUGUGC	12277	GCACAGTG GGCTAGCTACAACGA GCCGACAA	32659
45	10985	GGCGCACU G UGCCGUGU	12278	ACACGGCA GGCTAGCTACAACGA AGTGCGCC	32660
47	10983	CGCACUGU G CCGUGUGG	12279	CCACACGG GGCTAGCTACAACGA ACAGTGCG	32661
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50	10980	ACUGUGCC G UGUGGCUG	12280	CAGCCACA GGCTAGCTACAACGA GGCACAGT	32662
52	10978	UGUGCCGU G UGGCUGGU	12281	ACCAGCCA GGCTAGCTACAACGA ACGGCACA	32663
55	10975	GCCGUGUG G CUGGUUGU	12282	ACAACCAG GGCTAGCTACAACGA CACACGGC	32664
59	10971	UGUGGCUG G UUGUGCAG	12283	CTGCACAA GGCTAGCTACAACGA CAGCCACA	32665
62	10968	GGCUGGUU G UGCAGAGC	12284	GCTCTGCA GGCTAGCTACAACGA AACCAGCC	32666
64	10966	CUGGUUGU G CAGAGCAG	12285	CTGCTCTG GGCTAGCTACAACGA ACAACCAG	32667
69	10961	UGUGCAGA G CAGAAGAU	12286		32668
84		AUCUCCUA G UCUAUCCC	12287		32669
	10946				
95	10935	UAUCCCAG G UGUCAAUA	12288	TATTGACA GGCTAGCTACAACGA CTGGGATA	32670
97	10933	UCCCAGGU G UCAAUAUG	12289		32671
105	10925	GUCAAUAU G CUGUUUUG	12290	CAAAACAG GGCTAGCTACAACGA ATATTGAC	32672
108	10922	AAUAUGCU G UUUUGUUG	12291	CAACAAAA GGCTAGCTACAACGA AGCATATT	32673
113	10917	GCUGUUUU G UUGUGGUG	12292	CACCACAA GGCTAGCTACAACGA AAAACAGC	32674
116	10914	GUUUUGUU G UGGUGUUU	12293	AAACACCA GGCTAGCTACAACGA AACAAAAC	32675
119	10911	UUGUUGUG G UGUUUUGU	12294		32676
121	10909	GUUGUGGU G UUUUGUGG	12295		32677
	 			the state of the s	
126	10904	GGUGUUUU G UGGCACGG	12296	CCGTGCCA GGCTAGCTACAACGA AAAACACC	32678
129	10901	GUUUUGUG G CACGGGGU	12297	ACCCCGTG GGCTAGCTACAACGA CACAAAAC	32679
136	10894	GGCACGGG G UCUCCACU	12298	AGTGGAGA GGCTAGCTACAACGA CCCGTGCC	32680
153	10877	AACCUCUA G UCCUUCCC	12299	GGGAAGGA GGCTAGCTACAACGA TAGAGGTT	32681
172	10858	GACCUACA G CUUCAGUC	12300	GACTGAAG GGCTAGCTACAACGA TGTAGGTC	32682
178	10852	CAGCUUCA G UCAGGCUG	12301	CAGCCTGA GGCTAGCTACAACGA TGAAGCTG	32683
183	10847	UCAGUCAG G CUGGGCCG	12302	<u></u>	32684
188	10842	CAGGCUGG G CCGUGCAC	12303		32685
191	10839	GCUGGGCC G UGCACUUU			
			12304		32686
193 205	10837	UGGGCCGU G CACUUUAA	12305		32687
	10825	UUUAAACC G CGGGGUCU	12306	AGACCCCG GGCTAGCTACAACGA GGTTTAAA	32688

210	10820	ACCGCGGG G UCUCCUCU	12307	AGAGGAGA GGCTAGCTACAACGA CCCGCGGT	32689
210		AACCUCUA G UCCUUUCG	12308	CGAAAGGA GGCTAGCTACAACGA TAGAGGTT	32690
227	10803	GUCCUUUC G CCCUGGUU	12309	AACCAGGG GGCTAGCTACAACGA GAAAGGAC	32691
235	10795	UCGCCCUG G UUAACACC	12310	GGTGTTAA GGCTAGCTACAACGA CAGGGCGA	32692
241	10789		12310	GGCCCTAG GGCTAGCTACAACGA CCCGGTAA	32693
259	10771	UUACCGGG G CUAGGGCC		CCACGCGG GGCTAGCTACAACGA CCTAGCCC	32694
265	10765	GGGCUAGG G CCGCGUGG	12312	GCCCACG GGCTAGCTACAACGA GGCCCTAG	32695
268	10762	CUAGGGCC G CGUGGGGC	12313	ACGCCCA GGCTAGCTACAACGA GCGCCCTAG	32696
270	10760	AGGGCCGC G UGGGGCGU	12314		
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277	10753	CGUGGGGC G UUGGUUUG	12316	CAAACCAA GGCTAGCTACAACGA GCCCCACG	32698
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285	10745	GUUGGUUU G CCUUUGUU	12318	AACAAAGG GGCTAGCTACAACGA AAACCAAC	32700
291	10739	UUGCCUUU G UUAACCCA	12319	TGGGTTAA GGCTAGCTACAACGA AAAGGCAA	32701
300	10730	UUAACCCA G UCCUCCUG	12320	CAGGAGGA GGCTAGCTACAACGA TGGGTTAA	32702
311	10719	CUCCUGGG G CACUAUCG	12321	CGATAGTG GGCTAGCTACAACGA CCCAGGAG	32703
319	10711	GCACUAUC G CAGACUGC	12322	GCAGTCTG GGCTAGCTACAACGA GATAGTGC	32704
326	10704	CGCAGACU G CACUCUCC	12323	GGAGAGTG GGCTAGCTACAACGA AGTCTGCG	32705
335	10695	CACUCUCC G CAGAGUAG	12324	CTACTCTG GGCTAGCTACAACGA GGAGAGTG	32706
340	10690	UCCGCAGA G UAGCACGC	12325	GCGTGCTA GGCTAGCTACAACGA TCTGCGGA	32707
343	10687	GCAGAGUA G CACGCCGU	12326	ACGGCGTG GGCTAGCTACAACGA TACTCTGC	32708
347	10683	AGUAGCAC G CCGUAGCG	12327	CGCTACGG GGCTAGCTACAACGA GTGCTACT	32709
350	10680	AGCACGCC G UAGCGUGG	12328	CCACGCTA GGCTAGCTACAACGA GGCGTGCT	32710
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358	10672	GUAGCGUG G UCUGACAU	12331	ATGTCAGA GGCTAGCTACAACGA CACGCTAC	32713
370	10660	GACAUUGG G CUUUGAAG	12332	CTTCAAAG GGCTAGCTACAACGA CCAATGTC	32714
378	10652	GCUUUGAA G UUACAACA	12333	TGTTGTAA GGCTAGCTACAACGA TTCAAAGC	32715
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393	10637	CAUGUGGG G UCCUCCUU	12335	AAGGAGGA GGCTAGCTACAACGA CCCACATG	32717
410	10620	CCGAGACG G UUCUGAGG	12336	CCTCAGAA GGCTAGCTACAACGA CGTCTCGG	32718
		UUCUGAGG G CUUACAUG	12337	CATGTAAG GGCTAGCTACAACGA CCTCAGAA	32719
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437	10593		12339	GAACAAAG GGCTAGCTACAACGA CGCGAAGT	32721
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445	10585	GCGGCUUU G UUCACCCA			32723
454	10576	UUCACCCA G UCCUCCUG	12341	CAGGAGGA GGCTAGCTACAACGA TGGGTGAA	
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473	10557	GUUGAGUC G CAGGCAGC	12344	GCTGCCTG GGCTAGCTACAACGA GACTCAAC	32726
477	10553	AGUCGCAG G CAGCACCG	12345	CGGTGCTG GGCTAGCTACAACGA CTGCGACT	32727
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504	10526	UUCCGGUG G CGGGAACU	12349		32731
518	10512	ACUUCCCG G CCUGACUU	12350		32732
595	10435	ACUUUUAU G CAUACUUA	12351		32733
608	10422	CUUAUAUU G UCUAUUUA	12352		32734
637	10393	UAUCUACA G UACUGUGU	12353		32735
642	10388	ACAGUACU G UGUCCUCA	12354		32736
644	10386	AGUACUGU G UCCUCAAC	12355		32737
657	10373	CAACCAAA G UUGUGUCU	12356	1	32738
660	10370	CCAAAGUU G UGUCUUCA	12357	TGAAGACA GGCTAGCTACAACGA AACTTTGG	32739
662	10368	AAAGUUGU G UCUUCAUA	12358		32740
679	10351	UCUCUUUA G UGAACUCA	12359	TGAGTTCA GGCTAGCTACAACGA TAAAGAGA	32741
689	10341	GAACUCAU G UAAUCCAC	12360	GTGGATTA GGCTAGCTACAACGA ATGAGTTC	32742
720	10310	CGAUGAUU G CUCUGACU	12361	AGTCAGAG GGCTAGCTACAACGA AATCATCG	32743
731	10299	CUGACUUG G UUGAUAGC	12362	GCTATCAA GGCTAGCTACAACGA CAAGTCAG	32744
738	10292	GGUUGAUA G CCACCUGG	12363	CCAGGTGG GGCTAGCTACAACGA TATCAACC	32745
749	10281	ACCUGGAU G UUUUCUGC	12364		32746
756	10274	UGUUUUCU G CCCACGUG	12365	<u> </u>	32747
762	10268	CUGCCCAC G UGGCUCGG	12366		32748
765	10265	CCCACGUG G CUCGGGCU	12367		32749
771	10259	UGGCUCGG G CUCUUGUG	12368		32750
777	10253	GGGCUCUU G UGCCAAUC	12369	GATTGCCA GGCTAGCTACAACGA AAGAGCCC	32751
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779	10251	GCUCUUGU G CCAAUCAG	12370	CTGATTGG GGCTAGCTACAACGA ACAAGAGC	32752
788	10242	CCAAUCAG G CUGCCACA	12371	TGTGGCAG GGCTAGCTACAACGA CTGATTGG	32753
791	10239	AUCAGGCU G CCACACCA	12372	TGGTGTGG GGCTAGCTACAACGA AGCCTGAT	32754
803	10227	CACCAGAU G UCCUCUCG	12373	CGAGAGGA GGCTAGCTACAACGA ATCTGGTG	32755
		GUCCUCUC G UUUUCCUG			
811	10219		12374	CAGGAAAA GGCTAGCTACAACGA GAGAGGAC	32756
830	10200	UAUGGGAC G UCACUCCA	12375	TGGAGTGA GGCTAGCTACAACGA GTCCCATA	32757
852	10178	CCACUGGG G UUUUGUCU	12376	AGACAAAA GGCTAGCTACAACGA CCCAGTGG	32758
857	10173	GGGGUUUU G UCUUCCAU	12377	ATGGAAGA GGCTAGCTACAACGA AAAACCCC	32759
893	10137	CAAACACG G UUCCAGAC	12378	GTCTGGAA GGCTAGCTACAACGA CGTGTTTG	32760
911	10119	UCCAACAU G UCCUCUGU	12379	ACAGAGGA GGCTAGCTACAACGA ATGTTGGA	32761
918	10112	UGUCCUCU G UUGUCAUC	12380	GATGACAA GGCTAGCTACAACGA AGAGGACA	32762
921	10109	CCUCUGUU G UCAUCCAC	12381	GTGGATGA GGCTAGCTACAACGA AACAGAGG	32763
939	10091	CUCCUCCU G CAUGGAUG	12382	CATCCATG GGCTAGCTACAACGA AGGAGGAG	32764
954	10076	UGGACCAC G UGGUUCUU	12383	AAGAACCA GGCTAGCTACAACGA GTGGTCCA	32765
957	10073	ACCACGUG G UUCUUCCG	12384	CGGAAGAA GGCTAGCTACAACGA CACGTGGT	
					32766
966	10064	UUCUUCCG G UAGGGACC	12385	GGTCCCTA GGCTAGCTACAACGA CGGAAGAA	32767
990	10040	CAGGGACA G CGGAGCAA	12386	TTGCTCCG GGCTAGCTACAACGA TGTCCCTG	32768
995	10035	ACAGCGGA G CAAAUGGC	12387	GCCATTTG GGCTAGCTACAACGA TCCGCTGT	32769
1002	10028	AGCAAAUG G CGUUGGCC	12388	GGCCAACG GGCTAGCTACAACGA CATTTGCT	32770
1004	10026	CAAAUGGC G UUGGCCAU	12389	ATGGCCAA GGCTAGCTACAACGA GCCATTTG	32771
1008	10022	UGGCGUUG G CCAUGAGC	12390	GCTCATGG GGCTAGCTACAACGA CAACGCCA	32772
1015	10015	GGCCAUGA G CCGCAGGU	12391	ACCTGCGG GGCTAGCTACAACGA TCATGGCC	32773
1018	10012	CAUGAGCC G CAGGUCUC	12392	GAGACCTG GGCTAGCTACAACGA GGCTCATG	32774
1022	10008	AGCCGCAG G UCUCUUCU	12393	AGAAGAGA GGCTAGCTACAACGA CTGCGGCT	32775
1031	9999	UCUCUUCU G UGGAAGUA	12394	TACTTCCA GGCTAGCTACAACGA AGAAGAGA	
					32776
1037	9993	CUGUGGAA G UACAGAAG	12395	CTTCTGTA GGCTAGCTACAACGA TTCCACAG	32777
1045	9985	GUACAGAA G CAGCCACA	12396	TGTGGCTG GGCTAGCTACAACGA TTCTGTAC	32778
1048	9982	CAGAAGCA G CCACAUCU	12397	AGATGTGG GGCTAGCTACAACGA TGCTTCTG	32779
1059	9971	ACAUCUGG G CAUAAGAC	12398	GTCTTATG GGCTAGCTACAACGA CCAGATGT	32780
1071	9959	AAGACUUA G CCAGACAA	12399	TTGTCTGG GGCTAGCTACAACGA TAAGTCTT	32781
1080	9950	CCAGACAA G CAGUGUCG	12400	CGACACTG GGCTAGCTACAACGA TTGTCTGG	32782
1083	9947	GACAAGCA G UGUCGCGG	12401	CCGCGACA GGCTAGCTACAACGA TGCTTGTC	32783
1085	9945	CAAGCAGU G UCGCGGAC	12402	GTCCGCGA GGCTAGCTACAACGA ACTGCTTG	32784
1088	9942	GCAGUGUC G CGGACGUU	12403	AACGTCCG GGCTAGCTACAACGA GACACTGC	32785
1094	9936	UCGCGGAC G UUCCAUCC	12404	GGATGGAA GGCTAGCTACAACGA GTCCGCGA	32786
1104	9926	UCCAUCCG G CCCCUGGA	12405	TCCAGGGG GGCTAGCTACAACGA CGGATGGA	32787
1118	9912	GGAGAUAU G CGAGCUCU	12406	AGAGCTCG GGCTAGCTACAACGA ATATCTCC	
	9908			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	32788
1122		AUAUGCGA G CUCUGCCU	12407	AGGCAGAG GGCTAGCTACAACGA TCGCATAT	32789
1127	9903	CGAGCUCU G CCUACCAA	12408	TTGGTAGG GGCTAGCTACAACGA AGAGCTCG	32790
1144	9886	UUCAUCCU G UCCUCGGC	12409	GCCGAGGA GGCTAGCTACAACGA AGGATGAA	32791
1151	9879	UGUCCUCG G CAUGGAAC	12410	GTTCCATG GGCTAGCTACAACGA CGAGGACA	32792
1165	9865	AACCACCA G UGUUCUUC	12411	GAAGAACA GGCTAGCTACAACGA TGGTGGTT	32793
1167	9863	CCACCAGU G UUCUUCCA	12412	TGGAAGAA GGCTAGCTACAACGA ACTGGTGG	32794
1194	9836	UCAAUUCA G UGAAAUGG	12413	CCATTCA GGCTAGCTACAACGA TGAATTGA	32795
1202	9828	GUGAAAUG G UUUGAGCA	12414	TGCTCAAA GGCTAGCTACAACGA CATTTCAC	32796
1208	9822	UGGUUUGA G CAAAAUGG	12415	CCATTTTG GGCTAGCTACAACGA TCAAACCA	32797
1222	9808	UGGAACCU G CUGCCAAU	12416	ATTGGCAG GGCTAGCTACAACGA AGGTTCCA	32798
1225	9805	AACCUGCU G CCAAUCAU	12417	ATGATTGG GGCTAGCTACAACGA AGCAGGTT	
1242	9788	ACCAUCCA G UUGACGGU			32799
			12418	ACCGTCAA GGCTAGCTACAACGA TGGATGGT	32800
1249	9781	AGUUGACG G UUUCCACU	12419	AGTGGAAA GGCTAGCTACAACGA CGTCAACT	32801
1265	9765	UCUUGGAU G UCUUUGCG	12420	CGCAAAGA GGCTAGCTACAACGA ATCCAAGA	32802
1271	9759	AUGUCUUU G CGAACCUU	12421	AAGGTTCG GGCTAGCTACAACGA AAAGACAT	32803
1287	9743	UUGACAUA G CAUUGAGG	12422	CCTCAATG GGCTAGCTACAACGA TATGTCAA	32804
1298	9732	UUGAGGAA G UGGAGCGA	12423	TCGCTCCA GGCTAGCTACAACGA TTCCTCAA	32805
1303	9727	GAAGUGGA G CGAGGUGG	12424	CCACCTCG GGCTAGCTACAACGA TCCACTTC	32806
1308	9722	GGAGCGAG G UGGCAAAG	12425	CTTTGCCA GGCTAGCTACAACGA CTCGCTCC	32807
1311	9719	GCGAGGUG G CAAAGCGA	12426	TCGCTTTG GGCTAGCTACAACGA CACCTCGC	32808
1316	9714	GUGGCAAA G CGAUCGUC	12427	GACGATCG GGCTAGCTACAACGA TTTGCCAC	32809
1322	9708	AAGCGAUC G UCCAGGGG	12428	CCCCTGGA GGCTAGCTACAACGA GATCGCTT	
1330	9700	GUCCAGGG G CUUUACCA			32810
1343	9687	ACCACACA G UCAUCUCC	12429	TGGTAAAG GGCTAGCTACAACGA CCCTGGAC	32811
			12430	GGAGATGA GGCTAGCTACAACGA TGTGTGGT	32812
1359	9671	CACUGACA G CCAUGCGG	12431	CCGCATGG GGCTAGCTACAACGA TGTCAGTG	32813
1364	9666	ACAGCCAU G CGGCUGAG	12432	CTCAGCCG GGCTAGCTACAACGA ATGGCTGT	32814

1367	9663	GCCAUGCG G CUGAGUCU	12433	AGACTCAG GGCTAGCTACAACGA CGCATGGC	32815
1372	9658	GCGGCUGA G UCUUUCUU	12434	AAGAAAGA GGCTAGCTACAACGA TCAGCCGC	32816
1396	9634	CUCAAACA G CCAGGUCC	12435	GGACCTGG GGCTAGCTACAACGA TGTTTGAG	32817
1401	9629	ACAGCCAG G UCCUGACU	12436	AGTCAGGA GGCTAGCTACAACGA CTGGCTGT	32818
1414	9616	GACUUUGG G UCCUUUCC	12437	GGAAAGGA GGCTAGCTACAACGA CCAAAGTC	32819
1428	9602	UCCCUUUU G UGAGUUUC	12438	GAAACTCA GGCTAGCTACAACGA AAAAGGGA	32820
1432	9598	UUUUGUGA G UUUCUCCA	12439	TGGAGAAA GGCTAGCTACAACGA TCACAAAA	32821
	9579	UCAUCUGG G CCAAUCAC	12440	GTGATTGG GGCTAGCTACAACGA CCAGATGA	32822
1451				COGTCCAG GGCTAGCTACAACGA TGGTGAGG	
1486	9544	CCUCACCA G CUGGACGG	12441		32823
1494	9536	GCUGGACG G CCAGGUUG	12442	CAACCTGG GGCTAGCTACAACGA CGTCCAGC	32824
1499	9531	ACGGCCAG G UUGGUGAA	12443	TTCACCAA GGCTAGCTACAACGA CTGGCCGT	32825
1503	9527	CCAGGUUG G UGAAAGUG	12444	CACTTTCA GGCTAGCTACAACGA CAACCTGG	32826
1509	9521	UGGUGAAA G UGUUUAGG	12445	CCTAAACA GGCTAGCTACAACGA TTTCACCA	32827
1511	9519	GUGAAAGU G UUUAGGGC	12446	GCCCTAAA GGCTAGCTACAACGA ACTTTCAC	32828
1518	9512	UGUUUAGG G CGUAGGUG	12447	CACCTACG GGCTAGCTACAACGA CCTAAACA	32829
1520	9510	UUUAGGGC G UAGGUGAC	12448	GTCACCTA GGCTAGCTACAACGA GCCCTAAA	32830
1524	9506	GGGCGUAG G UGACAACU	12449	AGTTGTCA GGCTAGCTACAACGA CTACGCCC	32831
1534	9496	GACAACUU G UCCACUCC	12450	GGAGTGGA GGCTAGCTACAACGA AAGTTGTC	32832
1578	9452	CCAUGACG G UUCUUCCA	12451	TGGAAGAA GGCTAGCTACAACGA CGTCATGG	32833
1590	9440	UUCCAUCA G CAGCCGGG	12452	CCCGGCTG GGCTAGCTACAACGA TGATGGAA	32834
			12453	GCGCCCGG GGCTAGCTACAACGA TGCTGATG	
1593	9437	GAUCAGCA G CCGGGCGC GCAGCCGG G CGCAUCAC	12454	GTGATGCG GGCTAGCTACAACGA TGCTGATG	32835
1598	9432				
1600	9430	AGCCGGGC G CAUCACUU	12455	AAGTGATG GGCTAGCTACAACGA GCCCGGCT	32837
1619	9411	ACAACUUU G UGACGAUA	12456	TATCGTCA GGCTAGCTACAACGA AAAGTTGT	32838
1629	9401	GACGAUAG G UGAGCUCA	12457	TGAGCTCA GGCTAGCTACAACGA CTATCGTC	32839
1633	9397	AUAGGUGA G CUCAAUGA	12458	TCATTGAG GGCTAGCTACAACGA TCACCTAT	32840
1644	9386	CAAUGAUG G CCCUGGCA	12459	TGCCAGGG GGCTAGCTACAACGA CATCATTG	32841
1650	9380	UGGCCCUG G CAAGACGC	12460	GCGTCTTG GGCTAGCTACAACGA CAGGGCCA	32842
1657	9373	GGCAAGAC G CCGAUGUU	12461	AACATCGG GGCTAGCTACAACGA GTCTTGCC	32843
1663	9367	ACGCCGAU G UUCCCCAU	12462	ATGGGGAA GGCTAGCTACAACGA ATCGGCGT	32844
1675	9355	CCCAUCAA G CAGCUCAA	12463	TTGAGCTG GGCTAGCTACAACGA TTGATGGG	32845
1678	9352	AUCAAGCA G CUCAAGCA	12464	TGCTTGAG GGCTAGCTACAACGA TGCTTGAT	32846
1684	9346	CAGCUCAA G CACCUUAG	12465	CTAAGGTG GGCTAGCTACAACGA TTGAGCTG	32847
1692	9338	GCACCUUA G CUUCAUUU	12466	AAATGAAG GGCTAGCTACAACGA TAAGGTGC	32848
1706	9324	UUUUCCAA G UCAGCUCU	12467	AGAGCTGA GGCTAGCTACAACGA TTGGAAAA	32849
1710	9320	CCAAGUCA G CUCUCGUG	12468	CACGAGAG GGCTAGCTACAACGA TGACTTGG	32850
1716	9314	CAGCUCUC G UGAUGCGG	12469	CCGCATCA GGCTAGCTACAACGA GAGAGCTG	32851
1721	9309	CUCGUGAU G CGGGUGUC	12470	GACACCCG GGCTAGCTACAACGA ATCACGAG	32852
1725	9305	UGAUGCGG G UGUCCCAG	12471	CTGGGACA GGCTAGCTACAACGA CCGCATCA	32853
1727	9303	AUGCGGGU G UCCCAGCC	12472	GGCTGGGA GGCTAGCTACAACGA ACCCGCAT	32854
1733	9297	GUGUCCCA G CCAGCUGU	12473	ACAGCTGG GGCTAGCTACAACGA TGGGACAC	32855
1737	9293	CCCAGCCA G CUGUGUCA	12474	TGACACAG GGCTAGCTACAACGA TGGCTGGG	32856
1740	9290	AGCCAGCU G UGUCAUCA	12475	TGATGACA GGCTAGCTACAACGA AGCTGGCT	32857
1742	9288	CCAGCUGU G UCAUCAGC	12476		32858
1749	9281	UGUCAUCA G CAUAGAUC	12477		32859
1760	9270	UAGAUCUU G CCCCCAGG	12478	CCTGGGGG GGCTAGCTACAACGA AAGATCTA	32860
1768	9262	GCCCCAG G CCGGGUGC	12479	GCACCCGG GGCTAGCTACAACGA CTGGGGGC	32861
1773	9257	CAGGCCGG G UGCCAACU	12480	AGTTGGCA GGCTAGCTACAACGA CCGGCCTG	32862
1775	9255	GGCCGGGU G CCAACUUC	12481	GAAGTTGG GGCTAGCTACAACGA ACCCGGCC	
					32863
1786	9244	AACUUCAC G CAGGAUGU	12482	ACATCCTG GGCTAGCTACAACGA GTGAAGTT	32864
1793	9237	CGCAGGAU G UAACCCAG	12483	CTGGGTTA GGCTAGCTACAACGA ATCCTGCG	32865
1801	9229	GUAACCCA G UUUUUGGA	12484	TCCAAAAA GGCTAGCTACAACGA TGGGTTAC	32866
1811	9219	UUUUGGAG G CCCAAGCC	12485	GGCTTGGG GGCTAGCTACAACGA CTCCAAAA	32867
1817	9213	AGGCCCAA G CCCUCGAC	12486	GTCGAGGG GGCTAGCTACAACGA TTGGGCCT	32868
1838	9192	CCUCCUGA G UUCUUUCU	12487	AGAAAGAA GGCTAGCTACAACGA TCAGGAGG	32869
1852	9178	UCUUCCAA G CCAGUGGU	12488	ACCACTGG GGCTAGCTACAACGA TTGGAAGA	32870
1856	9174	CCAAGCCA G UGGUCUUC	12489	GAAGACCA GGCTAGCTACAACGA TGGCTTGG	32871
1859	9171	AGCCAGUG G UCUUCAUU	12490	AATGAAGA GGCTAGCTACAACGA CACTGGCT	32872
1881	9149	AACCCAGA G CCUCGAAC	12491	GTTCGAGG GGCTAGCTACAACGA TCTGGGTT	32873
1898	9132	UCCAGAAA G CGAGCUCC	12492	GGAGCTCG GGCTAGCTACAACGA TTTCTGGA	32874
1902	9128	GAAAGCGA G CUCCGAGC	12493	GCTCGGAG GGCTAGCTACAACGA TCGCTTTC	32875
1909	9121	AGCUCCGA G CCACAUGA	12494	TCATGTGG GGCTAGCTACAACGA TCGGAGCT	32876
1926	9104	ACCAAAUG G CUCUGCUU			
1320	7104	ACCAMANG & CUCUGCUU	12495	AAGCAGAG GGCTAGCTACAACGA CATTTGGT	32877

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1931	9099	AUGGCUCU G CUUCCCUU	12496	AAGGGAAG GGCTAGCTACAACGA AGAGCCAT	32878
1941	9089	UUCCCUUG G CCUUUCCG	12497	CGGAAAGG GGCTAGCTACAACGA CAAGGGAA	32879
1960	9070	CUCUCCGG G UUUUUUCU	12498	AGAAAAA GGCTAGCTACAACGA CCGGAGAG	32880
1985	9045	CCCAUCAU G UUGUAAAU	12499	ATTTACAA GGCTAGCTACAACGA ATGATGGG	32881
1988	9042	AUCAUGUU G UAAAUGCA	12500	TGCATTTA GGCTAGCTACAACGA AACATGAT	32882
1994	9036	UUGUAAAU G CAAGUGUG	12501	CACACTTG GGCTAGCTACAACGA ATTTACAA	32883
1998	9032	AAAUGCAA G UGUGACAU	12502	ATGTCACA GGCTAGCTACAACGA TTGCATTT	32884
2000	9030	AUGCAAGU G UGACAUUC	12503	GAATGTCA GGCTAGCTACAACGA ACTTGCAT	32885
2014	9016	UUCCCCC G CAGAUGUG	12504	CACATCTG GGCTAGCTACAACGA GGGGGGAA	32886
2020	9010	CCGCAGAU G UGCCUCGC	12505	GCGAGGCA GGCTAGCTACAACGA ATCTGCGG	32887
	9008	GCAGAUGU G CCUCGCGC	12506	GCGCGAGG GGCTAGCTACAACGA ACATCTGC	32888
2022					
2027	9003	ugugccuc g cgcuccuc	12507	GAGGAGCG GGCTAGCTACAACGA GAGGCACA	32889
2029	9001	UGCCUCGC G CUCCUCAU	12508	ATGAGGAG GGCTAGCTACAACGA GCGAGGCA	32890
2070	8960	CUUCAACU G CUUCUCUG	12509	CAGAGAAG GGCTAGCTACAACGA AGTTGAAG	32891
2079	8951	CUUCUCUG G CGCUCCUC	12510	GAGGAGCG GGCTAGCTACAACGA CAGAGAAG	32892
2081	8949	UCUCUGGC G CUCCUCCA	12511	TGGAGGAG GGCTAGCTACAACGA GCCAGAGA	32893
2098	8932	UUGAUUCU G CUCUUCAA	12512	TTGAAGAG GGCTAGCTACAACGA AGAATCAA	32894
2112	8918	CAAACAUG G CACCCAAA	12513	TTTGGGTG GGCTAGCTACAACGA CATGTTTG	32895
2121	8909	CACCCAAA G CUGCAUUG	12514	CAATGCAG GGCTAGCTACAACGA TTTGGGTG	32896
2124	8906	CCAAAGCU G CAUUGCUG	12515	CAGCAATG GGCTAGCTACAACGA AGCTTTGG	32897
2129	8901	GCUGCAUU G CUGUUGAC	12516	GTCAACAG GGCTAGCTACAACGA AATGCAGC	32898
2132	8898	GCAUUGCU G UUGACCUU	12517	AAGGTCAA GGCTAGCTACAACGA AGCAATGC	32899
2162	8868	UCUCGAGA G CACAUUCU	12518	AGAATGTG GGCTAGCTACAACGA TCTCGAGA	32900
2176	8854	UCUGGGAC G UUUUUCUC	12519	GAGAAAAA GGCTAGCTACAACGA GTCCCAGA	32901
2187	8843	UUUCUCUG G CCAAAAAC	12520	GTTTTTGG GGCTAGCTACAACGA CAGAGAAA	32902
2196	8834	CCAAAAAC G CCCACAAC	12521	GTTGTGGG GGCTAGCTACAACGA GTTTTTGG	32903
2207	8823	CACAACCA G UUGGUGGU	12522	ACCACCAA GGCTAGCTACAACGA TGGTTGTG	32904
2211	8819	ACCAGUUG G UGGUCUCA	12523	TGAGACCA GGCTAGCTACAACGA CAACTGGT	32905
2214	8816	AGUUGGUG G UCUCAUUG	12524	CAATGAGA GGCTAGCTACAACGA CACCAACT	32906
2224	8806	CUCAUUGA G CACGUACU	12525	AGTACGTG GGCTAGCTACAACGA TCAATGAG	32907
2228	8802	UUGAGCAC G VACUUCAC	12526	GTGAAGTA GGCTAGCTACAACGA GTGCTCAA	32908
2245	8785	UCCUUCUG G CGGUUCAG	12527	CTGAACCG GGCTAGCTACAACGA CAGAAGGA	
2248	8782	UUCUGGCG G UUCAGGAG	12528	CTCCTGAA GGCTAGCTACAACGA CGCCAGAA	32909
2256	8774	GUUCAGGA G CUJUCGUG	12529	CACGAAAG GGCTAGCTACAACGA CGCCAGAA	32910
					32911
2262	8768	GAGCUUUC G UGUCCACC	12530	GGTGGACA GGCTAGCTACAACGA GAAAGCTC	32912
2264	8766	GCUUUCGU G UCCACCUU	12531	AAGGTGGA GGCTAGCTACAACGA ACGAAAGC	32913
2287	8743	GAACACUC G CUGCUGCC	12532	GGCAGCAG GGCTAGCTACAACGA GAGTGTTC	32914
2290	8740	CACUCGCU G CUGCCCGA	12533	TCGGGCAG GGCTAGCTACAACGA AGCGAGTG	32915
2293	8737	UCGCUGCU G CCCGAAGG	12534	CCTTCGGG GGCTAGCTACAACGA AGCAGCGA	32916
2304	8726	CGAAGGGA G UAGUGUCA	12535	TGACACTA GGCTAGCTACAACGA TCCCTTCG	32917
2307	8723	AGGGAGUA G UGUCAGUC	12536	GACTGACA GGCTAGCTACAACGA TACTCCCT	32918
2309	8721	GGAGUAGU G UCAGUCAU	12537	ATGACTGA GGCTAGCTACAACGA ACTACTCC	32919
2313	8717	UAGUGUCA G UCAUGGCC	12538	GGCCATGA GGCTAGCTACAACGA TGACACTA	32920
2319	8711	CAGUCAUG G CCAUGGUG	12539	CACCATGG GGCTAGCTACAACGA CATGACTG	32921
2325	8705	UGGCCAUG G UGGUAACA	12540	TGTTACCA GGCTAGCTACAACGA CATGGCCA	32922
2328	8702	CCAUGGUG G UAACAUUC	12541	GAATGTTA GGCTAGCTACAACGA CACCATGG	32923
2337	8693	UAACAUUC G UGAUGGUG	12542	CACCATCA GGCTAGCTACAACGA GAATGTTA	32924
2343	8687	UCGUGAUG G UGUCCCAU	12543	ATGGGACA GGCTAGCTACAACGA CATCACGA	32925
2345	8685	GUGAUGGU G UCCCAUGG	12544	CCATGGGA GGCTAGCTACAACGA ACCATCAC	32926
2353	B677	GUCCCAUG G UUUUGAGA	12545	TCTCAAAA GGCTAGCTACAACGA CATGGGAC	32927
2365	8665	UGAGAGGA G CCUGACCA	12546	TGGTCAGG GGCTAGCTACAACGA TCCTCTCA	32928
2386	8644	AUUGACCA G CGAACUGG	12547	CCAGTTCG GGCTAGCTACAACGA TGGTCAAT	32929
2394	8636	GCGAACUG G CGGAGCCU	12548	AGGCTCCG GGCTAGCTACAACGA CAGTTCGC	32930
2399	8631	CUGGCGGA G CCUGUGGG	12549		32931
2403	8627	CGGAGCCU G UGGGCUUC	12550	GAAGCCCA GGCTAGCTACAACGA AGGCTCCG	32932
2407	8623	GCCUGUGG G CUUCACAU	12551	ATGTGAAG GGCTAGCTACAACGA CCACAGGC	32933
2423	8607	UCAUAACU G CCGUGAUA	12552	TATCACGG GGCTAGCTACAACGA AGTTATGA	32934
2426	8604	UAACUGCC G UGAUAGUU	12553	AACTATCA GGCTAGCTACAACGA GGCAGTTA	32935
2432	8598	CCGUGAUA G UUCCAGGU	12554	ACCTGGAA GGCTAGCTACAACGA TATCACGG	32936
2439	8591	AGUUCCAG G UUCUAUAU	12555	ATATAGAA GGCTAGCTACAACGA CTGGAACT	
2450	8580	CUAUAUGG G UGGUUCUC	12556		32937
2453	8577	UAUGGGUG G UUCUCAUC		GAGAACCA GGCTAGCTACAACGA CCATATAG	32938
2462			12557	GATGAGAA GGCTAGCTACAACGA CACCCATA	32939
2402	8568	UUCUCAUC G UGGUGCCA	12558	TGGCACCA GGCTAGCTACAACGA GATGAGAA	32940

2465	8565	UCAUCGUG G UGCCACGU	12559	ACGTGGCA GGCTAGCTACAACGA CACGATGA	32941
2467	8563	AUCGUGGU G CCACGUCG	12560	CGACGTGG GGCTAGCTACAACGA ACCACGAT	32942
2472	8558	GGUGCCAC G UCGAACUG	12561	CAGTTCGA GGCTAGCTACAACGA GTGGCACC	32943
2472	8550	GUCGAACU G UACUCACG	12562	CGTGAGTA GGCTAGCTACAACGA AGTTCGAC	32944
2488	8542	GUACUCAC G CCUGAGUC	12562	GACTCAGG GGCTAGCTACAACGA GTGAGTAC	32945
		ACGCCUGA G UCGUUCAA	12564	TTGAACGA GGCTAGCTACAACGA TCAGGCGT	
2494	8536				32946
2497	8533	CCUGAGUC G UUCAAUCC	12565	GGATTGAA GGCTAGCTACAACGA GACTCAGG	32947
2507	8523	UCAAUCCU G UUCUUGAU	12566	ATCAAGAA GGCTAGCTACAACGA AGGATTGA	32948
2523	8507	UUUUACUG G UGUCUGAG	12567	CTCAGACA GGCTAGCTACAACGA CAGTAAAA	32949
2525	8505	UUACUGGU G UCUGAGUU	12568	AACTCAGA GGCTAGCTACAACGA ACCAGTAA	32950
2531	8499	GUGUCUGA G UUGAGCAG	12569	CTGCTCAA GGCTAGCTACAACGA TCAGACAC	32951
2536	8494	UGAGUUGA G CAGGGGUU	12570	AACCCCTG GGCTAGCTACAACGA TCAACTCA	32952
2542	8488	GAGCAGGG G UUUUCCCA	12571	TGGGAAAA GGCTAGCTACAACGA CCCTGCTC	32953
2553	8477	UUCCCACC G CCCUGGUU	12572	AACCAGGG GGCTAGCTACAACGA GGTGGGAA	32954
2559	8471	CCGCCCUG G UUCCACUU	12573	AAGTGGAA GGCTAGCTACAACGA CAGGGCGG	32955
2573	8457	CUUCCCAA G UUUACAUC	12574	GATGTAAA GGCTAGCTACAACGA TTGGGAAG	32956
2588	8442	UCUUCCUC G UAUUGGGG	12575	CCCCAATA GGCTAGCTACAACGA GAGGAAGA	32957
2596	8434	GUAUUGGG G UCCCUUCC	12576	GGAAGGGA GGCTAGCTACAACGA CCCAATAC	32958
2607	8423	CCUUCCAG G UCCUUUUU	12577	AAAAAGGA GGCTAGCTACAACGA CTGGAAGG	32959
2632	8398	UCCUAGGA G CACCUGGC	12578	GCCAGGTG GGCTAGCTACAACGA TCCTAGGA	32960
2639	8391	AGCACCUG G CUGGUCAU	12579	ATGACCAG GGCTAGCTACAACGA CAGGTGCT	32961
2643	8387	CCUGGCUG G UCAUAUUC	12580	GAATATGA GGCTAGCTACAACGA CAGCCAGG	32962
2659	8371	CACUGAAU G UACCACAU	12581	ATGTGGTA GGCTAGCTACAACGA ATTCAGTG	32963
2669	8361	ACCACAUU G CCUGAAGC	12582	GCTTCAGG GGCTAGCTACAACGA AATGTGGT	32964
2676	8354	UGCCUGAA G CUCGACUC	12583	GAGTCGAG GGCTAGCTACAACGA TTCAGGCA	32965
2699	8331	UACAUCUC G UGCGUGGA	12584	TCCACGCA GGCTAGCTACAACGA GAGATGTA	32966
2701	8329	CAUCUCGU G CGUGGAAU	12585	ATTCCACG GGCTAGCTACAACGA GAGATGTA	32967
2703	8327	UCUCGUGC G UGGAAUUC	12586	GAATTCCA GGCTAGCTACAACGA ACGAGATG	32968
2713	8317	GGAAUUCC G UGAGAGUG	12587	CACTCTCA GGCTAGCTACAACGA GCACGAGA CACTCTCA GGCTAGCTACAACGA GGAATTCC	32969
2719	8311	CCGUGAGA G UGGGUUUC	12588	GAAACCCA GGCTAGCTACAACGA TCTCACGG	32969
2723	8307	GAGAGUGG G UUUCUGAC	12589	GTCAGAAA GGCTAGCTACAACGA TCTCACGG	
2734	8296	UCUGACCA G UCCCCCCC	-		32971
			12590	GGGGGGA GGCTAGCTAGACGA TGGTCAGA	32972
2750	8280	CCAUACCG G CGUUGGAG	12591	CTCCAACG GGCTAGCTACAACGA CGGTATGG	32973
2752	8278	AUACCGGC G UUGGAGCA	12592	TGCTCCAA GGCTAGCTACAACGA GCCGGTAT	32974
2758	8272	GCGUUGGA G CAGCUCCA	12593	TGGAGCTG GGCTAGCTACAACGA TCCAACGC	32975
2761	8269	UUGGAGCA G CUCCAUCU	12594	AGATGGAG GGCTAGCTACAACGA TGCTCCAA	32976
2785	8245	GACUUUCG G CAUGUAGG	12595	CCTACATG GGCTAGCTACAACGA CGAAAGTC	32977
2789	8241	UUCGGCAU G UAGGGGCA	12596	TGCCCCTA GGCTAGCTACAACGA ATGCCGAA	32978
2795	8235	AUGUAGGG G CAGAGCAC	12597	GTGCTCTG GGCTAGCTACAACGA CCCTACAT	32979
2800	8230	GGGGCAGA G CACCUUCA	12598	TGAAGGTG GGCTAGCTACAACGA TCTGCCCC	32980
2810	8220	ACCUUCAC G CAAAAUUC	12599	GAATTTTG GGCTAGCTACAACGA GTGAAGGT	32981
2824	8206	nnccenne e ceenceen	12600	ACCGAGGG GGCTAGCTACAACGA CAAGGGAA	32982
2831	8199	GGCCCUCG G UGCAGCCA	12601	TGGCTGCA GGCTAGCTACAACGA CGAGGGCC	32983
2833	8197	CCCUCGGU G CAGCCAGU	12602	ACTGGCTG GGCTAGCTACAACGA ACCGAGGG	32984
2836	8194	UCGGUGCA G CCAGUCCU	12603	AGGACTGG GGCTAGCTACAACGA TGCACCGA	32985
2840	8190	UGCAGCCA G UCCUCAAC	12604	GTTGAGGA GGCTAGCTACAACGA TGGCTGCA	32986
2868	8162	CCCGAAUC G UCCUAUGC	12605	GCATAGGA GGCTAGCTACAACGA GATTCGGG	32987
2875	8155	CGUCCUAU G CUCUUCAA	12606	TTGAAGAG GGCTAGCTACAACGA ATAGGACG	32988
2889	8141	CAACCUCA G CACUUGAC	12607	GTCAAGTG GGCTAGCTACAACGA TGAGGTTG	32989
2912	8118	UCUCCGAU G UCACAAAG	12608	CTTTGTGA GGCTAGCTACAACGA ATCGGAGA	32990
2925	8105	AAAGGAGG G UGUCACAA	12609	TTGTGACA GGCTAGCTACAACGA CCTCCTTT	32991
2927	8103	AGGAGGGU G UCACAACA	12610	TGTTGTGA GGCTAGCTACAACGA ACCCTCCT	32992
2944	8086	CUCAGAAG G UCUGUAGA	12611	TCTACAGA GGCTAGCTACAACGA CTTCTGAG	32993
2948	8082	GAAGGUCU G UAGAACAC	12612	GTGTTCTA GGCTAGCTACAACGA AGACCTTC	32994
2976	8054	UCUUCAUG G UGACAAUG	.12613	CATTGTCA GGCTAGCTACAACGA CATGAAGA	32995
2984	8046	GUGACAAU G UUCCAUCC	12614	GGATGGAA GGCTAGCTACAACGA ATTGTCAC	32996
3001	8029	AUAACUUU G CACUAGUU	12615	AACTAGTG GGCTAGCTACAACGA AAAGTTAT	32997
3007	8023	UUGCACUA G UUGGGGCU	12616	AGCCCCAA GGCTAGCTACAACGA TAGTGCAA	32998
3013	8017	UAGUUGGG G CUCUUCAU	12617	ATGAAGAG GGCTAGCTACAACGA CCCAACTA	32998
3022	8008	CUCUUCAU G UCCGGGAC	12618	GTCCCGGA GGCTAGCTACAACGA CCCAACTA	
3032	7998	CCGGGACC G CCCUUUGU	12618		33000
3032	7991	CGCCCUUU G UGUACCCU		ACAAAGGG GGCTAGCTACAACGA GGTCCCGG	33001
3033	7989	CCCUUUGU G UACCCUCU	12620	AGGGTACA GGCTAGCTACAACGA AAAGGGCG	33002
			12621	AGAGGGTA GGCTAGCTACAACGA ACAAAGGG	33003

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		THE THE PERSON OF THE PERSON O	10000	TATGGCAA GGCTAGCTACAACGA CCAAAAAA	33004
3072	7958	UUUUUUGG G UUGCCAUA	12622		
3075	7955	UUUGGGUU G CCAUAUAG	12623	CTATATGG GGCTAGCTACAACGA AACCCAAA	33005
3083	7947	GCCAUAUA G UAACACCA	12624	TGGTGTTA GGCTAGCTACAACGA TATATGGC	33006
3095	7935	CACCAACC G CCUCUUCC	12625	GGAAGAGG GGCTAGCTACAACGA GGTTGGTG	33007
3113	7917	CAUCCAAG G UCAAUCAC	12626	GTGATTGA GGCTAGCTACAACGA CTTGGATG	33008
3133	7897	UCCGACCG G UUCGAGAA	12627	TTCTCGAA GGCTAGCTACAACGA CGGTCGGA	33009
3148	7882	AAACCUCC G UUCGACCA	12628	TGGTCGAA GGCTAGCTACAACGA GGAGGTTT	33010
		UUCGACCA G CCAUCUCA	12629	TGAGATGG GGCTAGCTACAACGA TGGTCGAA	33011
3157	7873			CAGCAAAA GGCTAGCTACAACGA TGAGATGG	33012
3166	7864	CCAUCUCA G UUUUGCUG	12630		
3171	7859	UCAGUUUU G CUGUGCCC	12631	GGGCACAG GGCTAGCTACAACGA AAAACTGA	33013
3174	7856	GUUUUGCU G UGCCCCUA	12632	TAGGGGCA GGCTAGCTACAACGA AGCAAAAC	33014
3176	7854	UUUGCUGU G CCCCUAGA	12633	TCTAGGGG GGCTAGCTACAACGA ACAGCAAA	33015
3193	7837	GACUGGAU G CCCUCCAG	12634	CTGGAGGG GGCTAGCTACAACGA ATCCAGTC	33016
3201	7829	GCCCUCCA G UGACAUUG	12635	CAATGTCA GGCTAGCTACAACGA TGGAGGGC	33017
3209	7821	GUGACAUU G CCUUCUUU	12636	AAAGAAGG GGCTAGCTACAACGA AATGTCAC	33018
3222	7808	CUUUCCUG G CGUGUUUU	12637	AAAACACG GGCTAGCTACAACGA CAGGAAAG	33019
3224	7806	UUCCUGGC G UGUUUUGC	12638	GCAAAACA GGCTAGCTACAACGA GCCAGGAA	33020
3226	7804	CCUGGCGU G UUUUGCCG	12639	CGGCAAAA GGCTAGCTACAACGA ACGCCAGG	33021
3231	7799	CGUGUUUU G CCGCUGAG	12640	CTCAGCGG GGCTAGCTACAACGA AAAACACG	33022
3234	7796	GUUUUGCC G CUGAGCGA	12641	TCGCTCAG GGCTAGCTACAACGA GGCAAAAC	33023
3239	7791	GCCGCUGA G CGAUCGAC	12642	GTCGATCG GGCTAGCTACAACGA TCAGCGGC	33024
3258	7772	CGAUGAUG G CCUCUUUG	12643	CAAAGAGG GGCTAGCTACAACGA CATCATCG	33025
3266	7764	GCCUCUUU G CGGUACCU	12644	AGGTACCG GGCTAGCTACAACGA AAAGAGGC	33026
3269	7761	UCUUUGCG G UACCUAGU	12645	ACTAGGTA GGCTAGCTACAACGA CGCAAAGA	33027
					
3276	7754	GGUACCUA G UGAACUCU	12646	AGAGTTCA GGCTAGCTACAACGA TAGGTACC	33028
3291	7739	CUUCUUUU G UCAUCUGG	12647	CCAGATGA GGCTAGCTACAACGA AAAAGAAG	33029
3299	7731	GUCAUCUG G UUGAGUCU	12648	AGACTCAA GGCTAGCTACAACGA CAGATGAC	33030
3304	7726	CUGGUUGA G UCUUUCUU	12649	AAGAAAGA GGCTAGCTACAACGA TCAACCAG	33031
3330	7700	CUCCCAAG G UGCGUCCU	12650	AGGACGCA GGCTAGCTACAACGA CTTGGGAG	33032
3332	7698	CCCAAGGU G CGUCCUUU	12651	AAAGGACG GGCTAGCTACAACGA ACCTTGGG	33033
3334	7696	CAAGGUGC G UCCUUUUG	12652	CAAAAGGA GGCTAGCTACAACGA GCACCTTG	33034
3342	7688	GUCCUUUU G CCCACCU	12653	AGGTGGGG GGCTAGCTACAACGA AAAAGGAC	33035
			<u> </u>	AACCAGGA GGCTAGCTACAACGA TAAAAAGA	33036
3358	7672	UCUUUUUA G UCCUGGUU	12654		
3364	7666	UAGUCCUG G UUUUUCCA	12655	TGGAAAAA GGCTAGCTACAACGA CAGGACTA	33037
3374	7656	UUUUCCAU G UUCUUUAU	12656	ATAAAGAA GGCTAGCTACAACGA ATGGAAAA	33038
3385	7645	CUUUAUGA G UGUCCAUG	12657	CATGGACA GGCTAGCTACAACGA TCATAAAG	33039
3387	7643	UUAUGAGU G UCCAUGUU	12658	AACATGGA GGCTAGCTACAACGA ACTCATAA	33040
3393	7637	GUGUCCAU G UUAUGGAU	12659	ATCCATAA GGCTAGCTACAACGA ATGGACAC	33041
3424	7606	ACCCCCAC G CAUGAUGU	12660	ACATCATG GGCTAGCTACAACGA GTGGGGGT	33042
3431	7599	CGCAUGAU G UGGCAGAG	12661	CTCTGCCA GGCTAGCTACAACGA ATCATGCG	33043
3434	7596	AUGAUGUG G CAGAGUCC	12662	GGACTCTG GGCTAGCTACAACGA CACATCAT	33044
3439	7591	GUGGCAGA G UCCGAUGG	12663	CCATCGGA GGCTAGCTACAACGA TCTGCCAC	33045
3447	7583	GUCCGAUG G CAGUUGUU	12664	<u> </u>	33046
3450	7580	CGAUGGCA G UUGUUGCG	12665		33047
3453	7577	UGGCAGUU G UUGCGUUC	12666	GAACGCAA GGCTAGCTACAACGA AACTGCCA	33048
3456	7574	CAGUUGUU G CGUUCCAA	12667	TTGGAACG GGCTAGCTACAACGA AACAACTG	33049
3458	7572	GUUGUUGC G UUCCAAAC	12668	GTTTGGAA GGCTAGCTACAACGA GCAACAAC	33050
3470	7560	CAAACAGA G CUUGCUCC	12669	GGAGCAAG GGCTAGCTACAACGA TCTGTTTG	33051
3474	7556	CAGAGCUU G CUCCAUUC	12670	GAATGGAG GGCTAGCTACAACGA AAGCTCTG	33052
3490	7540	CUCCCAAA G CGUCACCG	12671	CGGTGACG GGCTAGCTACAACGA TTTGGGAG	33053
				<u></u>	
3492	7538	CCCAAAGC G UCACCGCU	12672	AGCGGTGA GGCTAGCTACAACGA GCTTTGGG	33054
3498	7532	GCGUCACC G CUGCGGCC	12673	GGCCGCAG GGCTAGCTACAACGA GGTGACGC	33055
3501	7529	UCACCGCU G CGGCCGUG	12674	CACGGCCG GGCTAGCTACAACGA AGCGGTGA	33056
3504	7526	CCGCUGCG G CCGUGAUC	12675	GATCACGG GGCTAGCTACAACGA CGCAGCGG	33057
3507	7523	CUGCGGCC G UGAUCAAA	12676	TTTGATCA GGCTAGCTACAACGA GGCCGCAG	33058
3522	7508	AAAUUCCG G CUUCUCGU	12677	ACGAGAAG GGCTAGCTACAACGA CGGAATTT	33059
3529	7501	GGCUUCUC G UACUGUCU	12678	AGACAGTA GGCTAGCTACAACGA GAGAAGCC	33060
3534	7496	CUCGUACU G UCUUCACA	12679	TGTGAAGA GGCTAGCTACAACGA AGTACGAG	33061
3548	7482	ACAGACGG G UUCACUAC		GTAGTGAA GGCTAGCTACAACGA CCGTCTGT	
			12680		33062
3561	7469	CUACUACU G CAGCUAGA	12681	TCTAGCTG GGCTAGCTACAACGA AGTAGTAG	33063
3564	7466	CUACUGCA G CUAGAGAC	12682	GTCTCTAG GGCTAGCTACAACGA TGCAGTAG	33064
3583	7447	CAAGAUCA G CAUGAUCU	12683	AGATCATG GGCTAGCTACAACGA TGATCTTG	33065
3592	7438	CAUGAUCU G UCCAACUU	12684	AAGTTGGA GGCTAGCTACAACGA AGATCATG	33066

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3607	7423	UUUCUUCU G CAUGAUGG	12685	CCATCATG GGCTAGCTACAACGA AGAAGAAA	33067
3616	7414	CAUGAUGG G UGUGGUGC	12686	GCACCACA GGCTAGCTACAACGA CCATCATG	33068
3618	7412	UGAUGGGU G UGGUGCGC	12687	GCGCACCA GGCTAGCTACAACGA ACCCATCA	33069
3621	7409	UGGGUGUG G UGCGCUCU	12688	AGAGCGCA GGCTAGCTACAACGA CACACCCA	33070
3623	7407	GGUGUGGU G CGCUCUAA	12689	TTAGAGCG GGCTAGCTACAACGA ACCACACC	33071
3625	7405	UGUGGUGC G CUCUAAUU	12690	AATTAGAG GGCTAGCTACAACGA GCACCACA	33072
3641	7389	UCUGGGAC G UCCGUGGC	12691	GCCACGGA GGCTAGCTACAACGA GTCCCAGA	33073
3645	7385	GGACGUCC G UGGCCACG	12692	CGTGGCCA GGCTAGCTACAACGA GGACGTCC	33074
3648	7382	CGUCCGUG G CCACGAUG	12693	CATCGTGG GGCTAGCTACAACGA CACGGACG	33075
3656	7374	GCCACGAU G CCAUCCAC	12694	GTGGATGG GGCTAGCTACAACGA ATCGTGGC	33076
3669	7361	CCACUACA G CGUUCUUC	12695	GAAGAACG GGCTAGCTACAACGA TGTAGTGG	33077
3671	7359	ACUACAGC G UUCUUCAU	12696	ATGAAGAA GGCTAGCTACAACGA GCTGTAGT	33078
3687	7343	UGAUUCCG G CCGCUGUC	12697	GACAGCGG GGCTAGCTACAACGA CGGAATCA	33079
3690	7340	UUCCGGCC G CUGUCCGC	12698	GCGGACAG GGCTAGCTACAACGA GGCCGGAA	33080
3693	7337	CGCCGCU G UCCGCCGC	12699	GCGGCGGA GGCTAGCTACAACGA AGCGGCCG	33081
3697	7333	CGCUGUCC G CCGCUGGG	12700	CCCAGCGG GGCTAGCTACAACGA GGACAGCG	33082
3700		UGUCCGCC G CUGGGCUG	12701	CAGCCCAG GGCTAGCTACAACGA GGCGGACA	33083
	7330	GCCGCUGG G CUGAGCGC	12701	GCGCTCAG GGCTAGCTACAACGA CCAGCGGC	33084
3705	7325		12702	GCAATGCG GGCTAGCTACAACGA TCAGCCCA	33085
3710	7320	UGGGCUGA G CGCAUUGC		AGGCAATG GGCTAGCTACAACGA TCAGCCCA	
3712	7318	GGCUGAGC G CAUUGCCU	12704		33086
3717	7313	AGCGCAUU G CCUCAGCU	12705	AGCTGAGG GGCTAGCTACAACGA AATGCGCT	33087
3723	7307	UUGCCUCA G CUUGCCAA	12706	TTGGCAAG GGCTAGCTACAACGA TGAGGCAA	33088
3727	7303	CUCAGCUU G CCAACCGG	12707	CCGGTTGG GGCTAGCTACAACGA AAGCTGAG	33089
3743	7287	GGAACCAU G UAGGCAUA	12708	TATGCCTA GGCTAGCTACAACGA ATGGTTCC	33090
3747	7283	CCAUGUAG G CAUAGUGG	12709	CCACTATG GGCTAGCTACAACGA CTACATGG	33091
3752	7278	UAGGCAUA G UGGCAAAA	12710	TTTTGCCA GGCTAGCTACAACGA TATGCCTA	33092
3755	7275	GCAUAGUG G CAAAAAAG	12711	CTTTTTG GGCTAGCTACAACGA CACTATGC	33093
3766	7264	AAAAAGGA G UGUUGCCG	12712	CGGCAACA GGCTAGCTACAACGA TCCTTTTT	33094
3768	7262	AAAGGAGU G UUGCCGCU	12713	AGCGGCAA GGCTAGCTACAACGA ACTCCTTT	33095
3771	7259	GGAGUGUU G CCGCUGUU	12714	AACAGCGG GGCTAGCTACAACGA AACACTCC	33096
3774	7256	GUGUUGCC G CUGUUACC	12715	GGTAACAG GGCTAGCTACAACGA GGCAACAC	33097
3777	7253	UUGCCGCU G UUACCGUA	12716	TACGGTAA GGCTAGCTACAACGA AGCGGCAA	33098
3783	7247	CUGUUACC G UAACGGUG	12717	CACCGTTA GGCTAGCTACAACGA GGTAACAG	33099
3789	7241	CCGUAACG G UGAGGGUG	12718	CACCCTCA GGCTAGCTACAACGA CGTTACGG	33100
3795	7235	CGGUGAGG G UGACUUGU	12719	ACAAGTCA GGCTAGCTACAACGA CCTCACCG	33101
3802	7228	GGUGACUU G UCCCCAGC	12720	GCTGGGGA GGCTAGCTACAACGA AAGTCACC	33102
3809	7221	UGUCCCCA G CAUCCGGC	12721	GCCGGATG GGCTAGCTACAACGA TGGGGACA	33103
3816	7214	AGCAUCCG G CUGCUAGC	12722	GCTAGCAG GGCTAGCTACAACGA CGGATGCT	33104
3819	7211	AUCCGGCU G CUAGCAGG	12723	CCTGCTAG GGCTAGCTACAACGA AGCCGGAT	33105
3823	7207	GGCUGCUA G CAGGAGAG	12724	CTCTCCTG GGCTAGCTACAACGA TAGCAGCC	33106
3831	7199	GCAGGAGA G CCGACACU	12725	AGTGTCGG GGCTAGCTACAACGA TCTCCTGC	33107
3860	7170	AAGGGGAA G CCUCGCGC	12726	GCGCGAGG GGCTAGCTACAACGA TTCCCCTT	33108
3865	7165	GAAGCCUC G CGCGAGUG	12727	CACTCGCG GGCTAGCTACAACGA GAGGCTTC	33109
3867	7163	AGCCUCGC G CGAGUGUG	12728	CACACTCG GGCTAGCTACAACGA GCGAGGCT	33110
3871	7159	UCGCGCGA G UGUGAAUA	12729	TATTCACA GGCTAGCTACAACGA TCGCGCGA	33111
3873	7157	GCGCGAGU G UGAAUAGU	12730	ACTATICA GGCTAGCTACAACGA ACTCGCGC	33112
3880	7150	UGUGAAUA G UGCACUUG	12731	CAAGTGCA GGCTAGCTACAACGA TATTCACA	33113
3882	7148	UGAAUAGU G CACUUGCC	12732		33114
3888	7142	GUGCACUU G CCUGAACG	12733		33115
3896	7134	GCCUGAAC G UUUAUUGA	12734		33116
3906	7124	UUAUUGAG G UCAAUGAG	12735		33117
3915	7115	UCAAUGAG G UGUUGAUG	12736		33118
3917	7113	AAUGAGGU G UUGAUGUA	12737		33119
3923	7107	GUGUUGAU G UAAUCUGA	12738		33120
3933	7097	AAUCUGAC G UGAUCAAA	12739		33121
3943	7087	GAUCAAAU G CUUUAGCA	12740		33122
3949	7081	AUGCUUUA G CAGUGGAG	12741		33123
3952	7078	CUUUAGCA G UGGAGUGA	12742		33124
3957	7073	GCAGUGGA G UGAGGACC	12743		33125
3966	7073	UGAGGACC G CUGUUGUC			
3969	7064	GGACCGCU G UUGUCACA	12744	• • • • • • • • • • • • • • • • • • •	33126
3972		CCGCUGUU G UCACAGCG	12745		33127
	7058		12746		33128
3978	7052	UUGUCACA G CGUACAGU	12747	ACTGTACG GGCTAGCTACAACGA TGTGACAA	33129

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3980	7050	GUCACAGC G UACAGUGA	12748	TCACTGTA GGCTAGCTACAACGA GCTGTGAC	33130
3985	7045	AGCGUACA G UGACCAGG	12749	CCTGGTCA GGCTAGCTACAACGA TGTACGCT	33131
3993	7037	GUGACCAG G CUGUUGCC	12750	GGCAACAG GGCTAGCTACAACGA CTGGTCAC	33132
3996	7034	ACCAGGCU G UUGCCGGC	12751	GCCGGCAA GGCTAGCTACAACGA AGCCTGGT	33133
3999	7031	AGGCUGUU G CCGGCCUC	12752	GAGGCCGG GGCTAGCTACAACGA AACAGCCT	33134
4003	7027	UGUUGCCG G CCUCAAGU	12753	ACTTGAGG GGCTAGCTACAACGA CGGCAACA	33135
		GGCCUCAA G UCCAAAAG	12754	CTTTTGGA GGCTAGCTACAACGA TTGAGGCC	33136
4010	7020			AATTTCAG GGCTAGCTACAACGA ATGGGAGA	
4031	6999	UCUCCCAU G CUGAAAUU	12755		33137
4060	6970	AAUUCUUU G CCCAAACA	12756	TGTTTGGG GGCTAGCTACAACGA AAAGAATT	33138
4073	6957	AACAAACU G CUUAUGUC	12757	GACATAAG GGCTAGCTACAACGA AGTTTGTT	33139
4079	6951	CUGCUUAU G UCACUCUU	12758	AAGAGTGA GGCTAGCTACAACGA ATAAGCAG	33140
4089	6941	CACUCUUG G UCUUAUCU	12759	AGATAAGA GGCTAGCTACAACGA CAAGAGTG	33141
4099	6931	CUUAUCUA G CCAACCCA	12760	TGGGTTGG GGCTAGCTACAACGA TAGATAAG	33142
4112	6918	CCCAUCUC G UUGGCUGC	12761	GCAGCCAA GGCTAGCTACAACGA GAGATGGG	33143
4116	6914	UCUCGUUG G CUGCCACU	12762	AGTGGCAG GGCTAGCTACAACGA CAACGAGA	33144
4119	6911	CGUUGGCU G CCACUGCG	12763	CGCAGTGG GGCTAGCTACAACGA AGCCAACG	33145
4125	6905	CUGCCACU G CGCUCACA	12764	TGTGAGCG GGCTAGCTACAACGA AGTGGCAG	33146
4127	6903	GCCACUGC G CUCACAAG	12765	CTTGTGAG GGCTAGCTACAACGA GCAGTGGC	33147
4137	6893	UCACAAGG G UCAUGACA	12766	TGTCATGA GGCTAGCTACAACGA CCTTGTGA	33148
4161	6869	GGAACACG G CUAGCUGG	12767	CCAGCTAG GGCTAGCTACAACGA CGTGTTCC	33149
4165	6865	CACGGCUA G CUGGUUGU	12768	ACAACCAG GGCTAGCTACAACGA TAGCCGTG	33150
4169	6861	GCUAGCUG G UUGUCUGU	12769	ACAGACAA GGCTAGCTACAACGA CAGCTAGC	33151
4172	6858	AGCUGGUU G UCUGUCUG	12770	CAGACAGA GGCTAGCTACAACGA AACCAGCT	33152
4176	6854	GGUUGUCU G UCUGCGAA	12771	TTCGCAGA GGCTAGCTACAACGA AGACAACC	33153
4180	6850	GUCUGUCU G CGAACGUU	12772	AACGTTCG GGCTAGCTACAACGA AGACAGAC	33154
4186	6844	CUGCGAAC G UUGCUUCU	12773	AGAAGCAA GGCTAGCTACAACGA GTTCGCAG	33155
4189	6841	CGAACGUU G CUUCUCUG	12774	CAGAGAAG GGCTAGCTACAACGA AACGTTCG	33156
4198	6832	CUUCUCUG G CUCAGGAA	12775	TTCCTGAG GGCTAGCTACAACGA CAGAGAAG	33157
4210	6820	AGGAAUUA G CACAAUCA	12776	TGATTGTG GGCTAGCTACAACGA TAATTCCT	33158
4234	6796	AAGGGAGA G CAGCAACA	12777	TGTTGCTG GGCTAGCTACAACGA TCTCCCTT	33159
4237	6793	GGAGAGCA G CAACAUUC	12778	GAATGTTG GGCTAGCTACAACGA TGCTCTCC	33160
4248	6782	ACAUUCCG G CGAUCUUC	12779	GAAGATCG GGCTAGCTACAACGA CGGAATGT	33161
4257	6773	CGAUCUUC G UUCCUGGA	12780	TCCAGGAA GGCTAGCTACAACGA GAAGATCG	33162
4272	6758	GAACUUCA G CCAUCCAA	12781	TTGGATGG GGCTAGCTACAACGA TGAAGTTC	33163
4290	6740	AGAAAAG G UCGCGACU	12782	AGTCGCGA GGCTAGCTACAACGA CTTTTTCT	33164
4293	6737	AAAAGGUC G CGACUCCC	12783	GGGAGTCG GGCTAGCTACAACGA GACCTTTT	33165
4308	6722	CCAAGACA G CGCCUCCC	12784	GGGAGGCG GGCTAGCTACAACGA TGTCTTGG	33166
4310	6720	AAGACAGC G CCUCCCAA	12785	TTGGGAGG GGCTAGCTACAACGA GCTGTCTT	33167
4334	6696	UUUCCAAU G CCCUUCCG	12786	CGGAAGGG GGCTAGCTACAACGA ATTGGAAA	33168
4342	6688	GCCCUUCC G CUGCAUGA	12787	TCATGCAG GGCTAGCTACAACGA GGAAGGGC	33169
4345	6685	CUUCCGCU G CAUGAGGA	12788	TCCTCATG GGCTAGCTACAACGA AGCGGAAG	33170
		CUCCCAUG G UCAUCACA	12789		
4371	6659				33171
4389	6641	UCAAUAAG G CAAUCAAG	12790		33172
4398	6632	CAAUCAAG G CAAUUGUC	12791	GACAATTG GGCTAGCTACAACGA CTTGATTG	33173
4404	6626	AGGCAAUU G UCUGAAGA	12792	TCTTCAGA GGCTAGCTACAACGA AATTGCCT	33174
4413	6617	UCUGAAGA G CAUCUGGC	12793	GCCAGATG GGCTAGCTACAACGA TCTTCAGA	33175
4420	6610	AGCAUCUG G CAGUUCCU	12794	AGGAACTG GGCTAGCTACAACGA CAGATGCT	33176
4423	6607	AUCUGGCA G UUCCUCCA	12795	TGGAGGAA GGCTAGCTACAACGA TGCCAGAT	33177
4434	6596	CCUCCAGG G CCAUUCUG	12796	CAGAATGG GGCTAGCTACAACGA CCTGGAGG	33178
4442	6588	GCCAUUCU G UGAGCUCU	12797	AGAGCTCA GGCTAGCTACAACGA AGAATGGC	33179
4446	6584	UUCUGUGA G CUCUUCCU	12798	AGGAAGAG GGCTAGCTACAACGA TCACAGAA	33180
4464	6566	CUUUCUCU G CAGUGGCC	12799		33181
4467	6563	UCUCUGCA G UGGCCACA	12800	TGTGGCCA GGCTAGCTACAACGA TGCAGAGA	33182
4470	6560	CUGCAGUG G CCACAACG	12801	CGTTGTGG GGCTAGCTACAACGA CACTGCAG	33183
4478	6552	GCCACAAC G UACAUGGU	12802	ACCATGTA GGCTAGCTACAACGA GTTGTGGC	33184
4485	6545	CGUACAUG G UGUCAAGU	12803	ACTTGACA GGCTAGCTACAACGA CATGTACG	33185
4487	6543	UACAUGGU G UCAAGUGC	12804	GCACTTGA GGCTAGCTACAACGA ACCATGTA	33186
4492	6538	GGUGUCAA G UGCUUCCC	12805	GGGAAGCA GGCTAGCTACAACGA TTGACACC	33187
4494	6536	UGUCAAGU G CUUCCCAU	12806	ATGGGAAG GGCTAGCTACAACGA ACTTGACA	33188
4503	6527	CUUCCCAU G UCUUCCCC	12807	GGGGAAGA GGCTAGCTACAACGA ATGGGAAG	33189
4517	6513	CCCAUGAA G UGCUCAGG	12808	CCTGAGCA GGCTAGCTACAACGA TTCATGGG	33190
4519	6511	CAUGAAGU G CUCAGGCA	12809	TGCCTGAG GGCTAGCTACAACGA ACTTCATG	33191
4525	6505	GUGCUCAG G CAUCUUUC	12810	GAAAGATG GGCTAGCTACAACGA CTGAGCAC	33192

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4549	6481	CUCAAUGA G CCCUAUCU	12811	AGATAGGG GGCTAGCTACAACGA TCATTGAG	33193
4564	6466	CUGAGAAC G UUUUCCCG	12812	CGGGAAAA GGCTAGCTACAACGA GTTCTCAG	33194
4575	6455	UUCCCGAG G CGAAGUCC	12813	GGACTTCG GGCTAGCTACAACGA CTCGGGAA	33195
4580	6450	GAGGCGAA G UCCUUGAA	12814	TTCAAGGA GGCTAGCTACAACGA TTCGCCTC	33196
4590	6440	CCUUGAAC G CCUUUAGU	12815	ACTAAAGG GGCTAGCTACAACGA GTTCAAGG	33197
	6433	CGCCUUUA G UGCCUGGU	12816	ACCAGGCA GGCTAGCTACAACGA TAAAGGCG	33198
4597			12817	TCACCAGG GGCTAGCTACAACGA ACTAAAGG	33199
4599	6431	CCUUUAGU G CCUGGUGA		TCGGATCA GGCTAGCTACAACGA CAGGCACT	33200
4604	6426	AGUGCCUG G UGAUCCGA	12818		
4613	6417	UGAUCCGA G UACACCCU	12819	AGGGTGTA GGCTACCAACGA TCGGATCA	33201
4623	6407	ACACCCUG G CGUCAAUC	12820	GATTGACG GGCTAGCTACAACGA CAGGGTGT	33202
4625	6405	ACCCUGGC G UCAAUCCA	12821	TGGATTGA GGCTAGCTACAACGA GCCAGGGT	33203
4634	6396	UCAAUCCA G CGCGGCCU	12822	AGGCCGCG GGCTAGCTACAACGA TGGATTGA	33204
4636	6394	AAUCCAGC G CGGCCUCA	12823	TGAGGCCG GGCTAGCTACAACGA GCTGGATT	33205
4639	6391	CCAGCGCG G CCUCAGAA	12824	TTCTGAGG GGCTAGCTACAACGA CGCGCTGG	33206
4663	6367	UUCACCAA G CUUCGUGA	12825	TCACGAAG GGCTAGCTACAACGA TTGGTGAA	33207
4668	6362	CAAGCUUC G UGAUGACU	12826	AGTCATCA GGCTAGCTACAACGA GAAGCTTG	33208
4685	6345	UCCACUUC G UUGUUGUC	12827	GACAACAA GGCTAGCTACAACGA GAAGTGGA	33209
4688	6342	ACUUCGUU G UUGUCUUC	12828	GAAGACAA GGCTAGCTACAACGA AACGAAGT	33210
4691	6339	UCGUUGUU G UCUUCUAA	12829	TTAGAAGA GGCTAGCTACAACGA AACAACGA	33211
4704	6326	CUAAAAUU G UGUUUGUC	12830	GACAAACA GGCTAGCTACAACGA AATTTTAG	33212
4706	6324	AAAAUUGU G UUUGUCCU	12831	AGGACAAA GGCTAGCTACAACGA ACAATTTT	33213
4710	6320	UUGUGUUU G UCCUAGGA	12832	TCCTAGGA GGCTAGCTACAACGA AAACACAA	33214
4727	6303	CCAUCAAA G CACCACCU	12833	AGGTGGTG GGCTAGCTACAACGA TTTGATGG	33215
4739	6291	CACCUCCG G UCGUGGUA	12834	TACCACGA GGCTAGCTACAACGA CGGAGGTG	33216
				TCATACCA GGCTAGCTACAACGA GACCGGAG	33217
4742	6288	CUCCGGUC G UGGUAUGA	12835		
4745	6285	CGGUCGUG G UAUGACAC	12836	GTGTCATA GGCTAGCTACAACGA CACGACCG	33218
4758	6272	ACACUCCA G CCGCUGCA	12837	TGCAGCGG GGCTAGCTACAACGA TGGAGTGT	33219
4761	6269	CUCCAGCC G CUGCAACC	12838	GGTTGCAG GGCTAGCTACAACGA GGCTGGAG	33220
4764	6266	CAGCCGCU G CAACCUUG	12839	CAAGGTTG GGCTAGCTACAACGA AGCGGCTG	33221
4772	6258	GCAACCUU G UAAGCCAG	12840	CTGGCTTA GGCTAGCTACAACGA AAGGTTGC	33222
4776	6254	CCUUGUAA G CCAGCCAA	12841	TTGGCTGG GGCTAGCTACAACGA TTACAAGG	33223
4780	6250	GUAAGCCA G CCAAACUG	12842	CAGTTTGG GGCTAGCTACAACGA TGGCTTAC	33224
4789	6241	CCAAACUG G CAGAUCUG	12843	CAGATCTG GGCTAGCTACAACGA CAGTTTGG	33225
4797	6233	GCAGAUCU G CAGUCCUC	12844	GAGGACTG GGCTAGCTACAACGA AGATCTGC	33226
4800	6230	GAUCUGCA G UCCUCAAC	12845	GTTGAGGA GGCTAGCTACAACGA TGCAGATC	33227
4810	6220	CCUCAACA G UUCCAGAA	12846	TTCTGGAA GGCTAGCTACAACGA TGTTGAGG	33228
4820	6210	UCCAGAAA G UUUUUUCU	12847	AGAAAAA GGCTAGCTACAACGA TTTCTGGA	33229
4843	6187	UCCUCUGA G CCGGUAUU	12848	AATACCGG GGCTAGCTACAACGA TCAGAGGA	33230
4847	6183	CUGAGCCG G UAUUCCCC	12849	GGGGAATA GGCTAGCTACAACGA CGGCTCAG	33231
4863	6167	CAUCCAUG G UAUAUACC	12850	GGTATATA GGCTAGCTACAACGA CATGGATG	33232
4879	6151	CUUCUCAC G CUCUGGUU	12851	AACCAGAG GGCTAGCTACAACGA GTGAGAAG	33233
4885	6145	ACGCUCUG G UUGGUAGA	12852	TCTACCAA GGCTAGCTACAACGA CAGAGCGT	33234
4889	6141	UCUGGUUG G UAGAAUUG	12853	CAATTCTA GGCTAGCTACAACGA CAACCAGA	33235
4899	6131	AGAAUUGA G CGAUCAGU	12854	ACTGATCG GGCTAGCTACAACGA TCAATTCT	33236
4906	6124	AGCGAUCA G UCCGUUUG	12855	CAAACGGA GGCTAGCTACAACGA TGATCGCT	33237
		AUCAGUCC G UUUGGCAU	12856	ATGCCAAA GGCTAGCTACAACGA GGACTGAT	33237
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4919	6111	UUUGGCAU G UUGAUGUU	12858	AACATCAA GGCTAGCTACAACGA ATGCCAAA	33240
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4933	6097	GUUGUCCA G CAUGAUUC	12861	GAATCATG GGCTAGCTACAACGA TGGACAAC	33243
4942	6088	CAUGAUUC G UGCCUCAG	12862	CTGAGGCA GGCTAGCTACAACGA GAATCATG	33244
4944	6086	UGAUUCGU G CCUCAGUC	12863	GACTGAGG GGCTAGCTACAACGA ACGAATCA	33245
4950	6080	GUGCCUCA G UCCAAUGG	12864	CCATTGGA GGCTAGCTACAACGA TGAGGCAC	33246
4959	6071	UCCAAUGG G CGAAGUUC	12865	GAACTTCG GGCTAGCTACAACGA CCATTGGA	33247
4964	6066	UGGGCGAA G UUCGAGUC	12866	GACTCGAA GGCTAGCTACAACGA TTCGCCCA	33248
4970	6060	AAGUUCGA G UCGUCUUC	12867	GAAGACGA GGCTAGCTACAACGA TCGAACTT	33249
4973	6057	UUCGAGUC G UCUUCAUU	12868	AATGAAGA GGCTAGCTACAACGA GACTCGAA	33250
4983	6047	CUUCAUUC G UGUGCCCC	12869	GGGGCACA GGCTAGCTACAACGA GAATGAAG	33251
4985	6045	UCAUUCGU G UGCCCCC	12870	GGGGGCA GGCTAGCTACAACGA ACGAATGA	33252
4987	6043	AUUCGUGU G CCCCCAU	12871	ATGGGGG GGCTAGCTACAACGA ACACGAAT	33253
5000	6030	CCAUAACA G UACUCAUC	12872		33254
5017	6013	ACCAACUU G CGACGGAU			
	3013		12873	VICTORICA ARCTAGA WARRINGS	33255

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5038	5992	ACCGAUAC G UCCACGUC	12874	GACGTGGA GGCTAGCTACAACGA GTATCGGT	33256
5044	5986	ACGUCCAC G UCUCUGGG	12875	CCCAGAGA GGCTAGCTACAACGA GTGGACGT	33257
5052	5978	GUCUCUGG G CGGCACUA	12876	TAGTGCCG GGCTAGCTACAACGA CCAGAGAC	33258
		UCUGGGCG G CACUAGCU	12877	AGCTAGTG GGCTAGCTACAACGA CGCCCAGA	33259
5055	5975		L		
5061	5969	CGGCACUA G CUGCUGUC	12878	GACAGCAG GGCTAGCTACAACGA TAGTGCCG	33260
5064	5966	CACUAGCU G CUGUCACU	12879	AGTGACAG GGCTAGCTACAACGA AGCTAGTG	33261
5067	5963	UAGCUGCU G UCACUGCA	12880	TGCAGTGA GGCTAGCTACAACGA AGCAGCTA	33262
5073	5957	CUGUCACU G CAGAUGGU	12881	ACCATCTG GGCTAGCTACAACGA AGTGACAG	33263
5080	5950	UGCAGAUG G UUCUCCCA	12882	TGGGAGAA GGCTAGCTACAACGA CATCTGCA	33264
5112	5918	CUCCUUCU G UUAUGAUG	12883	CATCATAA GGCTAGCTACAACGA AGAAGGAG	33265
5121	5909	UUAUGAUG G UUGGUUUC	12884	GAAACCAA GGCTAGCTACAACGA CATCATAA	33266
5125	5905	GAUGGUUG G UUUCACAC	12885	GTGTGAAA GGCTAGCTACAACGA CAACCATC	33267
5141	5889	CUCUUCCG G CUGUCAAU	12886	ATTGACAG GGCTAGCTACAACGA CGGAAGAG	33268
5144	5886	UUCCGGCU G UCAAUCAC	12887	GTGATTGA GGCTAGCTACAACGA AGCCGGAA	33269
5156	5874	AUCACCCU G CUCGCCUU	12888	AAGGCGAG GGCTAGCTACAACGA AGGGTGAT	33270
5160	5870	CCCUGCUC G CCUUGAAG	12889	CTTCAAGG GGCTAGCTACAACGA GAGCAGGG	33271
5168	5862	GCCUUGAA G UUAGCCCC	12890	GGGGCTAA GGCTAGCTACAACGA TTCAAGGC	33272
5172	5858	UGAAGUUA G CCCCCAUU	12891	AATGGGGG GGCTAGCTACAACGA TAACTTCA	33273
5189	5841	UCAGAUAU G UCUGUUGU	12892	ACAACAGA GGCTAGCTACAACGA ATATCTGA	33274
5193	5837	AUAUGUCU G UUGUGAUA	12893	TATCACAA GGCTAGCTACAACGA AGACATAT	33275
5196	5834	UGUCUGUU G UGAUAACA	12894	TGTTATCA GGCTAGCTACAACGA AACAGACA	33276
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5234				ACGGAGTA GGCTAGCTACAACGA CCAAAATG	
	5796	CAUUUUGG G UACUCCGU	12897		33279
5241	5789	GGUACUCC G UCUCGUAC	12898	GTACGAGA GGCTAGCTACAACGA GGAGTACC	33280
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5283	5747	UCUUUCCA G CACGUUGU	12901	ACAACGTG GGCTAGCTACAACGA TGGAAAGA	33283
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5329	5701	GACACUAG G CACAAACC	12906	GGTTTGTG GGCTAGCTACAACGA CTAGTGTC	33288
5343	5687	ACCAAACC G UCUUCCCG	12907	CGGGAAGA GGCTAGCTACAACGA GGTTTGGT	33289
5352	5678	UCUUCCCG G UGUAUUCU	12908	AGAATACA GGCTAGCTACAACGA CGGGAAGA	
-		UUCCCGGU G UAUUCUGU			33290
5354	5676		12909	ACAGAATA GGCTAGCTACAACGA ACCGGGAA	33291
5361	5669	UGUAUUCU G UGAUCCAU	12910	ATGGATCA GGCTAGCTACAACGA AGAATACA	33292
5372	5658	AUCCAUUC G UAUCCAGA	12911	TCTGGATA GGCTAGCTACAACGA GAATGGAT	33293
5381	5649	UAUCCAGA G UUCCAAGC	12912	GCTTGGAA GGCTAGCTACAACGA TCTGGATA	33294
5388	5642	AGUUCCAA G CUCGAUCC	12913	GGATCGAG GGCTAGCTACAACGA TTGGAACT	33295
5406	5624	GGAUCUCA G UCUGUAAG	12914	CTTACAGA GGCTAGCTACAACGA TGAGATCC	33296
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5414	5616	GUCUGUAA G UCGGAAAU	12916	ATTTCCGA GGCTAGCTACAACGA TTACAGAC	33298
5425	5605	GGAAAUUG G UGAAUUGG	12917	CCAATTCA GGCTAGCTACAACGA CAATTCC	33299
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5456	5574	UCUGAAGU G CCUGGUGG	12919	CCACCAGG GGCTAGCTACAACGA TTCAGATC	
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5461	5569	AGUGCCUG G UGGGGUGG	12920	CCACCCA GGCTAGCTACAACGA CAGGCACT	33302
5466	5564	CUGGUGGG G UGGCUGUC	12921	GACAGCCA GGCTAGCTACAACGA CCCACCAG	33303
5469	5561	GUGGGGUG G CUGUCAUG	12922	CATGACAG GGCTAGCTACAACGA CACCCCAC	33304
5472	5558	GGGUGGCU G UCAUGAAU	12923	ATTCATGA GGCTAGCTACAACGA AGCCACCC	33305
5484	5546	UGAAUAUU G CCGCCGCC	12924	GGCGGCGG GGCTAGCTACAACGA AATATTCA	33306
5487	5543	AUAUUGCC G CCGCCUCC	12925	GGAGGCGG GGCTAGCTACAACGA GGCAATAT	33307
5490	5540	UUGCCGCC G CCUCCCCU	12926	AGGGGAGG GGCTAGCTACAACGA GGCGGCAA	33308
5500	5530	CUCCCCUA G CUCGACCU	12927	AGGTCGAG GGCTAGCTACAACGA TAGGGGAG	33309
5511	5519	CGACCUUU G UGGAAAUG	12928	CATTICCA GGCTAGCTACAACGA AAAGGTCG	33310
5519	5511	GUGGAAAU G UAACCUCU	12929	AGAGGTTA GGCTAGCTACAACGA ATTTCCAC	33310
5529	5501	AACCUCUU G CUGCAAUG	12930		
5532	5498	CUCUUGCU G CAAUGCUA		CATTGCAG GGCTAGCTACAACGA AAGAGGTT	33312
			12931	TAGCATTG GGCTAGCTACAACGA AGCAAGAG	33313
5537	5493	GCUGCAAU G CUAGCUGG	12932	CCAGCTAG GGCTAGCTACAACGA ATTGCAGC	33314
5541	5489	CAAUGCUA G CUGGGUCG	12933	CGACCCAG GGCTAGCTACAACGA TAGCATTG	33315
5546	5484	CUAGCUGG G UCGGUGAA	12934	TTCACCGA GGCTAGCTACAACGA CCAGCTAG	33316
5550	5480	CUGGGUCG G UGAAAUGA	12935	TCATTTCA GGCTAGCTACAACGA CGACCCAG	33317
5559	5471	UGAAAUGA G CCUCAUCC	12936	GGATGAGG GGCTAGCTACAACGA TCATTTCA	33318

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5582	5448	AACAGGUU G UAGUUCGG	12938	CCGAACTA GGCTAGCTACAACGA AACCTGTT	33320
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5590	5440	GUAGUUCG G CACCCUGU	12940	ACAGGGTG GGCTAGCTACAACGA CGAACTAC	33322
5597	5433	GGCACCCU G UGAGGAGA	12941	TCTCCTCA GGCTAGCTACAACGA AGGGTGCC	33323
5611	5419	AGACAUCA G CCUGUGGG	12942	CCCACAGG GGCTAGCTACAACGA TGATGTCT	33324
		AUCAGCCU G UGGGUGAG	12943	CTCACCCA GGCTAGCTACAACGA AGGCTGAT	33325
5615	5415	GCCUGUGG G UGAGGGUA	12944	TACCCTCA GGCTAGCTACAACGA CCACAGGC	33326
5619	5411			TCATGCTA GGCTAGCTACAACGA CCTCACCC	33327
5625	5405	GGGUGAGG G UAGCAUGA	12945		33327
5628	5402	UGAGGGUA G CAUGACAC	12946	GTGTCATG GGCTAGCTACAACGA TACCCTCA	
5665	5365	UCCAUUAU G UUCUCUGG	12947	CCAGAGAA GGCTAGCTACAACGA ATAATGGA	33329
5674	5356	UUCUCUGG G CACUGCGG	12948	CCGCAGTG GGCTAGCTACAACGA CCAGAGAA	33330
5679	5351	UGGGCACU G CGGAUGUC	12949	GACATCCG GGCTAGCTACAACGA AGTGCCCA	33331
5685	5345	CUGCGGAU G UCUGGUAC	12950	GTACCAGA GGCTAGCTACAACGA ATCCGCAG	33332
5690	5340	GAUGUCUG G UACCGGAU	12951	ATCCGGTA GGCTAGCTACAACGA CAGACATC	33333
5701	5329	CCGGAUGG G CAGUCCUC	12952	GAGGACTG GGCTAGCTACAACGA CCATCCGG	33334
5704	5326	GAUGGGCA G UCCUCUCA	12953	TGAGAGGA GGCTAGCTACAACGA TGCCCATC	33335
5713	5317	UCCUCUCA G UGCUUCAG	12954	CTGAAGCA GGCTAGCTACAACGA TGAGAGGA	33336
5715	5315	CUCUCAGU G CUUCAGCC	12955	GGCTGAAG GGCTAGCTACAACGA ACTGAGAG	33337
5721	5309	GUGCUUCA G CCAUCUCA	12956	TGAGATGG GGCTAGCTACAACGA TGAAGCAC	33338
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5733	5297	UCUCAGCA G CCACAACC	12958	GGTTGTGG GGCTAGCTACAACGA TGCTGAGA	33340
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	5281	CCUGGUUG G UGCUAGCA	12960	TGCTAGCA GGCTAGCTACAACGA CAACCAGG	33342
5749		UGGUUGGU G CUAGCACG	12961	CGTGCTAG GGCTAGCTACAACGA ACCAACCA	33343
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5755	5275	UGGUGCUA G CACGGCUG	12962		33344
5760	5270	CUAGCACG G CUGUUCUC	12963	GAGAACAG GGCTAGCTACAACGA CGTGCTAG	
5763	5267	GCACGGCU G UUCUCAGU	12964	ACTGAGAA GGCTAGCTACAACGA AGCCGTGC	33346
5770	5260	UGUUCUCA G UCUUCUGU	12965	ACAGAAGA GGCTAGCTACAACGA TGAGAACA	33347
5777	5253	AGUCUUCU G UUUAUGGC	12966	GCCATAAA GGCTAGCTACAACGA AGAAGACT	33348
5784	5246	UGUUUAUG G CCUCUUUG	12967	CAAAGAGG GGCTAGCTACAACGA CATAAACA	33349
5800	5230	GAUGAUCU G UGGCAGAA	12968	TTCTGCCA GGCTAGCTACAACGA AGATCATC	33350
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5869	5161	UUUCCUCA 'G CAUCUCAG	12976	CTGAGATG GGCTAGCTACAACGA TGAGGAAA	33358
5878	5152	CAUCUCAG G UUCGAAUC	12977	GATTCGAA GGCTAGCTACAACGA CTGAGATG	33359
5889	5141	CGAAUCCG G CUGGGAUU	12978		33360
5899	5131	UGGGAUUG G CUCAUCCA	12979		33361
		UUCACCCU G CACUAUCG	12980		33362
5920	5110	GCACUAUC G CGCUUAUG	12981		33363
5928	5102		12982		33364
5930	5100	ACUAUCGC G CUUAUGUA			33365
5936	5094	GCGCUUAU G UAUGAGCC	12983		
5942	5088	AUGUAUGA G CCGUUGGG	12984		33366
5945	5085	UAUGAGCC G UUGGGCAU	12985	<u> </u>	33367
5950	5080	GCCGUUGG G CAUUAUGA	12986		33368
5966	5064	ACUCCAUU G CCAUAAAG	12987		33369
5974	5056	GCCAUAAA G CCCAAUCA	12988	<u> </u>	33370
5990	5040	ACAUCACC G UUUUUGUC	12989	GACAAAAA GGCTAGCTACAACGA GGTGATGT	33371
5996	5034	CCGUUUUU G UCCACUAU	12990	ATAGTGGA GGCTAGCTACAACGA AAAAACGG	33372
6007	5023	CACUAUUG G UGAGCCUG	12991	CAGGCTCA GGCTAGCTACAACGA CAATAGTG	33373
6011	5019	AUUGGUGA G CCUGAUGU	12992	ACATCAGG GGCTAGCTACAACGA TCACCAAT	33374
6018	5012	AGCCUGAU G UUCCAGUG	12993	CACTGGAA GGCTAGCTACAACGA ATCAGGCT	33375
6024	5006	AUGUUCCA G UGGGGAAG	12994		33376
6032	4998	GUGGGGAA G UCCAAAGU	12995		33377
6039	4991	AGUCCAAA G UCACGGCC	12996	GGCCGTGA GGCTAGCTACAACGA TTTGGACT	33378
6045	4985	AAGUCACG G CCCCGAUU	12997	AATCGGGG GGCTAGCTACAACGA CGTGACTT	33379
6064	4966	UCCUUCAG G UGUUUUGA		TCAAAACA GGCTAGCTACAACGA CTGAAGGA	33379
		CUUCAGGU G UUUUGAAC	12998	<u></u>	
6066	4964	COUCAGGO G OUUUGAAC	12999	GTTCAAAA GGCTAGCTACAACGA ACCTGAAG	33381

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6082	4948	CACCCCUG G UUUCGUCU	13000	AGACGAAA GGCTAGCTACAACGA CAGGGGTG	33382
6087	4943	CUGGUUUC G UCUGGACG	13001	CGTCCAGA GGCTAGCTACAACGA GAAACCAG	33383
6095	4935	GUCUGGAC G UUCUUAAC	13002	GTTAAGAA GGCTAGCTACAACGA GTCCAGAC	33384
6104	4926	UUCUUAAC G UUCUUGCC	13003	GGCAAGAA GGCTAGCTACAACGA GTTAAGAA	33385
6110	4920	ACGUUCUU G CCAGGUUC	13004	GAACCTGG GGCTAGCTACAACGA AAGAACGT	33386
6115	4915	CUUGCCAG G UUCCACCA	13005	TGGTGGAA GGCTAGCTACAACGA CTGGCAAG	33387
6133	4897	AAUCAUCU G CACCUCAU	13006	ATGAGGTG GGCTAGCTACAACGA AGATGATT	33388
6145	4885	CUCAUCCU G CCCGUUCC	13007	GGAACGGG GGCTAGCTACAACGA AGGATGAG	33389
6149	4881	UCCUGCCC G UUCCACUU	13008	AAGTGGAA GGCTAGCTACAACGA GGGCAGGA	33390
6158	4872	UUCCACUU G UGCUGCAA	13009	TTGCAGCA GGCTAGCTACAACGA AAGTGGAA	33391
6160	4870	CCACUUGU G CUGCAAUU	13010	AATTGCAG GGCTAGCTACAACGA ACAAGTGG	33392
6163	4867	CUUGUGCU G CAAUUUCC	13011	GGAAATTG GGCTAGCTACAACGA AGCACAAG	33393
6175	4855	UUUCCAGG G UCCUCCGU	13012	ACGGAGGA GGCTAGCTACAACGA CCTGGAAA	33394
6182	4848	GGUCCUCC G UAACAAAG	13013	CTTTGTTA GGCTAGCTACAACGA GGAGGACC	33395
		GUAACAAA G UCGAUCCU	13014	AGGATCGA GCCTAGCTACAACGA TTTGTTAC	33396
6190	4840		13015	TACTGGGG GGCTAGCTACAACGA AGTGTCAA	33397
6209	4821	UUGACACU G CCCCAGUA			
6215	4815	CUGCCCCA G UAUGGGUC	13016	GACCCATA GGCTAGCTACAACGA TGGGGCAG	33398
6221	4809	CAGUAUGG G UCCAGGCG	13017	CGCCTGGA GGCTAGCTACAACGA CCATACTG	33399
6227	4803	GGGUCCAG G CGGCCCUC	13018	GAGGGCCG GGCTAGCTACAACGA CTGGACCC	33400
6230	4800	UCCAGGCG G CCCUCUCC	13019	GGAGAGGG GGCTAGCTACAACGA CGCCTGGA	33401
6239	4791	CCCUCUCC G CUCAUCAA	13020	TTGATGAG GGCTAGCTACAACGA GGAGAGGG	33402
6249	4781	UCAUCAAA G CGGCUCCU	13021	AGGAGCCG GGCTAGCTACAACGA TTTGATGA	33403
6252	4778	UCAAAGCG G CUCCUUUU	13022	AAAAGGAG GGCTAGCTACAACGA CGCTTTGA	33404
6261	4769	CUCCUUUU G UUGUAUGC	13023	GCATACAA GGCTAGCTACAACGA AAAAGGAG	33405
6264	4766	CUUUUGUU G UAUGCCAA	13024	TTGGCATA GGCTAGCTACAACGA AACAAAAG	33406
6268	4762	UGUUGUAU G CCAAAGGG	13025	CCCTTTGG GGCTAGCTACAACGA ATACAACA	33407
6276	4754	GCCAAAGG G UGUGGAAA	13026	TTTCCACA GGCTAGCTACAACGA CCTTTGGC	33408
6278	4752	CAAAGGGU G UGGAAAAC	13027	GTTTTCCA GGCTAGCTACAACGA ACCCTTTG	33409
6302	4728	ACCAUCAC G CCCGCUCC	13028	GGAGCGGG GGCTAGCTACAACGA GTGATGGT	33410
6306	4724	UCACGCCC G CUCCUGCU	13029	AGCAGGAG GGCTAGCTACAACGA GGGCGTGA	33411
6312	4718	CCGCUCCU G CUUGAUAA	13030	TTATCAAG GGCTAGCTACAACGA AGGAGCGG	33412
6323	4707	UGAUAACU G CCGAGCAG	13031	CTGCTCGG GGCTAGCTACAACGA AGTTATCA	33413
6328	4702	ACUGCCGA G CAGCCCAC	13032	GTGGGCTG GGCTAGCTACAACGA TCGGCAGT	33414
6331	4699	GCCGAGCA G CCCACGAG	13033	CTCGTGGG GGCTAGCTACAACGA TGCTCGGC	33415
6339	4691	GCCCACGA G UCAUGAUC	13034	GATCATGA GGCTAGCTACAACGA TCGTGGGC	33416
6350	4680	AUGAUCCU G UAGACGCC	13035	GGCGTCTA GGCTAGCTACAACGA AGGATCAT	33417
6356	4674	CUGUAGAC G CCGGUGGU	13036	ACCACCGG GGCTAGCTACAACGA GTCTACAG	33418
6360	4670	AGACGCCG G UGGUCGUG	13037	CACGACCA GGCTAGCTACAACGA CGGCGTCT	33419
6363	4667	CGCCGGUG G UCGUGUCC	13038	GGACACGA GGCTAGCTACAACGA CACCGGCG	33420
6366	4664	CGGUGGUC G UGUCCCCC	13039	GGGGGACA GGCTAGCTACAACGA GACCACCG	33421
6368	4662	GUGGUCGU G UCCCCCUU	13040	AAGGGGGA GGCTAGCTACAACGA ACGACCAC	33422
6380	4650	CCCUUUUU G UACUCCUU	13041	AAGGAGTA GGCTAGCTACAACGA AAAAAGGG	33423
$\overline{}$				CTCCCTCA GGCTAGCTACAACGA CAAAGGAG	
6391	4639	CUCCUUUG G UGAGGGAG			
6399	4631	GUGAGGGA G UGUCCCAC	13043		33425
6401	4629	GAGGGAGU G UCCCACAA	13044		33426
6413	4617	CACAACAC G CCUCCUCU	13045		33427
6426	4604	CUCUCUUU G UGUAUUGG	13046		33428
6428	4602	CUCUUUGU G UAUUGGAG	13047	<u> </u>	33429
6438	4592	AUUGGAGA G UUAUCCAA	13048		33430
6463	4567	UACUGAGG G CAAGAUUG	13049	<u> </u>	33431
6471	4559	GCAAGAUU G CCCAGGGG	13050	<u> </u>	33432
6480	4550	CCCAGGGG G UGUACGCA	13051	<u> </u>	33433
6482	4548	CAGGGGGU G UACGCACU	13052		33434
6486	4544	GGGUGUAC G CACUAAUC	13053	GATTAGTG GGCTAGCTACAACGA GTACACCC	33435
6495	4535	CACUAAUC G CGAGACAG	13054	CTGTCTCG GGCTAGCTACAACGA GATTAGTG	33436
6514	4516	CAUUCUGA G CAUCCAUA	13055	TATGGATG GGCTAGCTACAACGA TCAGAATG	33437
6532	4498	CUUCCAAG G UGCUCCUG	13056	CAGGAGCA GGCTAGCTACAACGA CTTGGAAG	33438
6534	4496	UCCAAGGU G CUCCUGGA	13057	TCCAGGAG GGCTAGCTACAACGA ACCTTGGA	33439
6553	4477	AUUCAUGA G CUGGAAGU	13058	ACTTCCAG GGCTAGCTACAACGA TCATGAAT	33440
6560	4470	AGCUGGAA G UUUCCAUC	13059		33441
6577	4453	AUCAUCAA G CCGCACAU	13060		33442
6580	4450	AUCAAGCC G CACAUCAA	13061		33443
6596	4434	ACUCUUUC G CUCGAGCC	13062		33444

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6602	4428	UCGCUCGA G CCUGUAAU	13063	ATTACAGG GGCTAGCTACAACGA TCGAGCGA	33445
6606	4424	UCGAGCCU G UAAUUUCU	13064	AGAAATTA GGCTAGCTACAACGA AGGCTCGA	33446
6615	4415	UAAUUUCU G CAUCACUU	13065	AAGTGATG GGCTAGCTACAACGA AGAAATTA	33447
6635	4395	CAGGAAAU G UCCGCCGU	13066	ACGGCGGA GGCTAGCTACAACGA ATTTCCTG	33448
6639	4391	AAAUGUCC G CCGUUCUC	13067	GAGAACGG GGCTAGCTACAACGA GGACATTT	33449
6642	4388	UGUCCGCC G UUCUCUCA	13068	TGAGAGAA GGCTAGCTACAACGA GGCGGACA	33450
6663	4367	ACAUAUCU G UUGAUUUC	13069	GAAATCAA GGCTAGCTACAACGA AGATATGT	33451
6687	4343	UCACGAAA G CAGCAAAC	13070	GTTTGCTG GGCTAGCTACAACGA TTTCGTGA	33452
6690	4340	CGAAAGCA G CAAACAUG	13071	CATGTTTG GGCTAGCTACAACGA TGCTTTCG	33453
6700	4330	AAACAUGA G CCCCGCGA	13072	TCGCGGG GGCTAGCTACAACGA TCATGTTT	33454
6705	4325	UGAGCCCC G CGAUAGUC	13073	GACTATCG GGCTAGCTACAACGA GGGGCTCA	33455
6711	4319	CCGCGAUA G UCAUUGGA	13074	TCCAATGA GGCTAGCTACAACGA TATCGCGG	33456
6723	4307	UUGGAAUG G CCAUGGAG	13075	CTCCATGG GGCTAGCTACAACGA CATTCCAA	33457
6731	4299	GCCAUGGA G UCAAUGUC	13076	GACATTGA GGCTAGCTACAACGA TCCATGGC	33458
6737	4293	GAGUCAAU G UCAAGCUC	13077	GAGCTTGA GGCTAGCTACAACGA ATTGACTC	33459
6742	4288	AAUGUCAA G CUCUGCCA	13078	TGGCAGAG GGCTAGCTACAACGA TTGACATT	33460
		CAAGCUCU G CCAGCCCU	13078	AGGGCTGG GGCTAGCTACAACGA AGAGCTTG	
6747	4283				33461
6751	4279	CUCUGCCA G CCCUCCGA	13080	TCGGAGGG GGCTAGCTACAACGA TGGCAGAG	33462
6765	4265	CGACGAUG G CAAACAUU	13081	AATGTTTG GGCTAGCTACAACGA CATCGTCG	33463
6776	4254	AACAUUAG G CCGACAGC	13082	GCTGTCGG GGCTAGCTACAACGA CTAATGTT	33464
6783	4247	GGCCGACA G CUGUCAUC	13083	GATGACAG GGCTAGCTACAACGA TGTCGGCC	33465
6786	4244	CGACAGCU G UCAUCACU	13084	AGTGATGA GGCTAGCTACAACGA AGCTGTCG	33466
6798	4232	UCACUUCA G UUGCGGGC	13085	GCCCGCAA GGCTAGCTACAACGA TGAAGTGA	33467
6801	4229	CUUCAGUU G CGGGCCAU	13086	ATGGCCCG GGCTAGCTACAACGA AACTGAAG	33468
6805	4225	AGUUGCGG G CCAUCCGC	13087	GCGGATGG GGCTAGCTACAACGA CCGCAACT	33469
6812	4218	GGCCAUCC G CGUUUACG	13088	CGTAAACG GGCTAGCTACAACGA GGATGGCC	33470
6814	4216	CCAUCCGC G UUUACGGU	13089	ACCGTAAA GGCTAGCTACAACGA GCGGATGG	33471
6821	4209	CGUUUACG G UUGGGAUC	13090	GATCCCAA GGCTAGCTACAACGA CGTAAACG	33472
6834	4196	GAUCACAU G CAAUCAGU	13091	ACTGATTG GGCTAGCTACAACGA ATGTGATC	33473
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6863	4167	AUCAUGGG G UUGAAAAG	13095	CTTTTCAA GGCTAGCTACAACGA CCCATGAT	33477
6871	4159	GUUGAAAA G UCCUGUUG	13096	CAACAGGA GGCTAGCTACAACGA TTTTCAAC	33478
6876	4154	AAAGUCCU G UUGAGGCU	13097	AGCCTCAA GGCTAGCTACAACGA AGGACTTT	33479
6882	4148	CUGUUGAG G CUAGAGCC	13098	GGCTCTAG GGCTAGCTACAACGA CTCAACAG	33480
6888	4142	AGGCUAGA G CCAAGCAU	13099	ATGCTTGG GGCTAGCTACAACGA TCTAGCCT	33481
6893	4137	AGAGCCAA G CAUAGCAG	13100	CTGCTATG GGCTAGCTACAACGA TTGGCTCT	33482
6898	4132	CAAGCAUA G CAGACUUG	13101	CAAGTCTG GGCTAGCTACAACGA TATGCTTG	33483
6906	4124	GCAGACUU G CUCCUUUC	13102	GAAAGGAG GGCTAGCTACAACGA AAGTCTGC	33484
6921	4109	UCUUUUUU G CAGCUGCA	13103	TGCAGCTG GGCTAGCTACAACGA AAAAAAGA	33485
6924	4106	UUUUUGCA G CUGCACUC	13104	GAGTGCAG GGCTAGCTACAACGA TGCAAAAA	33486
6927	4103	UUGCAGCU G CACUCCUC	13105	GAGGAGTG GGCTAGCTACAACGA AGCTGCAA	33487
6950	4080	CUGAUCAA G CUGCCUAU	13106	ATAGGCAG GGCTAGCTACAACGA TTGATCAG	33488
6953	4077	AUCAAGCU G CCUAUUCC	13107	GGAATAGG GGCTAGCTACAACGA AGCTTGAT	33489
6973	4057	CAUCAACA G CAGUAUCC	13108	GGATACTG GGCTAGCTACAACGA TGTTGATG	33490
6976	4054	CAACAGCA G UAUCCUGU	13109	ACAGGATA GGCTAGCTACAACGA TGCTGTTG	33491
6983	4047	AGUAUCCU G UACACAUC	13110	GATGTGTA GGCTAGCTACAACGA AGGATACT	33492
7001	4029	AGAUUCAA G CAUCUCAG	13111		33493
7009	4021	GCAUCUCA G CCCGGGUG	13112	l	33494
7015	4015	CAGCCCGG G UGUUAGCA	13113		33495
7017	4013	GCCCGGGU G UUAGCAGG	13114		33496
7021	4009	GGGUGUUA G CAGGGCUA	13115		33497
7026	4004	UUAGCAGG G CUAGCAGC	13116		33498
7030	4000	CAGGGCUA G CAGCGGAA	13117		33499
7033	3997	GGCUAGCA G CGGAACAA	13118		33500
7046	3984	ACAACCAC G UUUGAUGU	13119	<u> </u>	33501
7053	3977	CGUUUGAU G UCGUUGUG	13120		33502
7056	3974	UUGAUGUC G UUGUGAAU	13121	<u> </u>	33502
7059	3971	AUGUCGUU G UGAAUGUU	13122		33503
7065	3965	UUGUGAAU G UUAUGGCU	13123		
7071	3959	AUGUUAUG G CUCUCAGU	13123		33505
7078	3952	GGCUCUCA G UAUCAUCC		ACTGAGAG GGCTAGCTACAACGA CATAACAT	33506
_,,,,	3732	COCOCOCA O OROCAUCE	13125	GGATGATA GGCTAGCTACAACGA TGAGAGCC	33507

7089 3941 UCAUCCAA G CUACCGCC 13126 GGCGGTAG GGCTAGCTACAACG 7095 3935 AAGCUACC G CCAGUGAA 13127 TTCACTGG GGCTAGCTACAACG 7099 3931 UACCGCCA G UGAAUUCA 13128 TGAATTCA GGCTAGCTACAACG		33508
TOTAL TOTAL CONTROL CO	acms a man	
The second of th	A GGTAGCTT	33509
	A TGGCGGTA	33510
7129 3901 CUCCCAGA G CAGAAUUU 13129 AAATTCTG GGCTAGCTACAACG	A TCTGGGAG	33511
7139 3891 AGAAUUUG G CGGGCAUC 13130 GATGCCCG GGCTAGCTACAACG	A CAAATTCT	33512
7143 3887 UUUGGCGG G CAUCGUGA 13131 TCACGATG GGCTAGCTACAACG	A CCGCCAAA	33513
7230 COMPANY CONTRACTOR OF THE PROPERTY OF THE		33514
7220		33515
7255 July 2007 Company		33516
7176 3854 AAACAGCC G CCAACAUC 13135 GATGTTGG GGCTACCTACAACG		33517
7193 3837 AACAAAAU G UUCUCCUG 13136 CAGGAGAA GGCTAGCTACAACG		33518
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7230 3800 GAAACGAU G CCACCAUA 13140 TATGGTGG GGCTAGCTACAACG	A ATCGTTTC	33522
7246 3784 AAACACUG G UUGUAUCU 13141 AGATACAA GGCTAGCTACAACG	A CAGTGTTT	33523
7249 3781 CACUGGUU G UAUCUUGA 13142 TCAAGATA GGCTAGCTACAACG	A AACCAGTG	33524
7260 3770 UCUUGAAG G UCGCCAUG 13143 CATGGCGA GGCTAGCTACAACG	A CTTCAAGA	33525
7263 3767 UGAAGGUC G CCAUGAGC 13144 GCTCATGG GGCTAGCTACAACG	A GACCTTCA	33526
7270 3760 CGCCAUGA G CGCCAAGU 13145 ACTTGGCG GGCTAGCTACAACG		33527
7272 3758 CCAUGAGC G CCAAGUGU 13146 ACACTTGG GGCTAGCTACAACG		33528
7277 3753 AGCGCCAA G UGUACCAC 13147 GTGGTACA GGCTACCACAACG		33529
72 5755		33530
		33531
		33532
		33532
732.		
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7339 3691 GACAUAGC G UAACACAU 13154 ATGTGTTA GGCTAGCTACAACG		33536
7350 3680 ACACAUCA G UGUAAGUA 13155 TACTTACA GGCTAGCTACAACG		33537
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7356 3674 CAGUGUAA G UAAUGCCC 13157 GGGCATTA GGCTAGCTACAACG	A TTACACTG	33539
7361 3669 UAAGUAAU G CCCCCAAA 13158 TTTGGGGG GGCTAGCTACAACG	A ATTACTTA	33540
7381 3649 CAGGACUA G CAGAGCAA 13159 TTGCTCTG GGCTAGCTACAACG	A TAGTCCTG	33541
7386 3644 CUAGCAGA G CAAUCAGU 13160 ACTGATTG GGCTAGCTACAACG	A TCTGCTAG	33542
7393 3637 AGCAAUCA G UAUAGCUG 13161 CAGCTATA GGCTAGCTACAACG	A TGATTGCT	33543
7398 3632 UCAGUAUA G CUGGCAUG 13162 CATGCCAG GGCTAGCTACAACG	A TATACTGA	33544
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7406 3624 GCUGGCAU G CUGAUCUU 13164 AAGATCAG GGCTAGCTACAACG	A ATGCCAGC	33546
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7419 3611 UCUUGGCU G UCCACCUC 13166 GAGGTGGA GGCTACCTACAACG		33548
		33549
7446 3584 CCUCCUGG G UGGCCAAG 13168 CTTGGCCA GGCTAGCTACAACG		33550
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7469 3561 ACCAGAAG G CCCAACUG 13170 CAGTTGGG GGCTAGCTACAACG		33552
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7516 3514 AUUCACUU G UGACUGCA 13174 TGCAGTCA GGCTAGCTACAACG	A AAGTGAAT	33556
7522 3508 UUGUGACU G CACGAGGG 13175 CCCTCGTG GGCTAGCTACAACG	A AGTCACAA	33557
7530 3500 GCACGAGG G UCUUUUCA 13176 TGAAAAGA GGCTAGCTACAACG	A CCTCGTGC	33558
7543 3487 UUCAUCAU G UCUCUGUG 13177 CACAGAGA GGCTAGCTACAACG	A ATGATGAA	33559
7549 3481 AUGUCUCU G UGGUCUGA 13178 TCAGACCA GGCTAGCTACAACG	A AGAGACAT	33560
7552 3478 UCUCUGUG G UCUGAUCU 13179 AGATCAGA GGCTAGCTACAACG		33561
7577 3453 UACCAACA G CCGCUGUC 13180 GACAGCGG GGCTAGCTACAACG		33562
7580 3450 CAACAGCC G CUGUCAGU 13181 ACTGACAG GGCTAGCTACAACG		33563
7583 3447 CAGCCGCU G UCAGUUUG 13182 CAAACTGA GGCTAGCTACAACG		33564
7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACG		33565
		33566
7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACG		33567
7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACG		
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7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACG	A GCTACCAA A TGCGCTAC	

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7606	3424	CAGUGGUG G UAAGGUGC	13189	GCACCTTA GGCTAGCTACAACGA CACCACTG	33571
7611	3419	GUGGUAAG G UGCAGCUC	13190	GAGCTGCA GGCTAGCTACAACGA CTTACCAC	33572
7613	3417	GGUAAGGU G CAGCUCCU	13191	AGGAGCTG GGCTAGCTACAACGA ACCTTACC	33573
7616	3414	AAGGUGCA G CUCCUGCA	13192	TGCAGGAG GGCTAGCTACAACGA TGCACCTT	33574
7622	3408	CAGCUCCU G CAGCACCA	13193	TGGTGCTG GGCTAGCTACAACGA AGGAGCTG	33575
7625	3405	CUCCUGCA G CACCAAUC	13194	GATTGGTG GGCTAGCTACAACGA TGCAGGAG	33576
<u> </u>	3395	ACCAAUCU G UUAUCAAC	13195	GTTGATAA GGCTAGCTACAACGA AGATTGGT	33577
7635		AACUUUCC G CUCUCUGU	13196	ACAGAGAG GGCTAGCTACAACGA GGAAAGTT	33578
7649	3381	CGCUCUCU G UGGUGGUG		CACCACCA GGCTAGCTACAACGA AGAGAGCG	33579
7656	3374		13197		
7659	3371	UCUCUGUG G UGGUGCGA	13198	TCGCACCA GGCTAGCTACAACGA CACAGAGA	33580
7662	3368	CUGUGGUG G UGCGAGUG	13199	CACTOGCA GGCTAGCTACAACGA CACCACAG	33581
7664	3366	GUGGUGGU G CGAGUGGC	13200	GCCACTCG GGCTAGCTACAACGA ACCACCAC	33582
7668	3362	UGGUGCGA G UGGCAGGU	13201	ACCTGCCA GGCTAGCTACAACGA TCGCACCA	33583
7671	3359	UGCGAGUG G CAGGUCCA	13202	TGGACCTG GGCTAGCTACAACGA CACTCGCA	33584
7675	3355	AGUGGCAG G UCCACGGU	13203	ACCGTGGA GGCTAGCTACAACGA CTGCCACT	33585
7682	3348	GGUCCACG G UGUCCGCA	13204	TGCGGACA GGCTAGCTACAACGA CGTGGACC	33586
7684	3346	UCCACGGU G UCCGCAGC	13205	GCTGCGGA GGCTAGCTACAACGA ACCGTGGA	33587
7688	3342	CGGUGUCC G CAGCUCUC	13206	GAGAGCTG GGCTAGCTACAACGA GGACACCG	33588
7691	3339	UGUCCGCA G CUCUCACU	13207	AGTGAGAG GGCTAGCTACAACGA TGCGGACA	33589
7704	3326	CACUCAGG G UGACCGUA	13208	TACGGTCA GGCTAGCTACAACGA CCTGAGTG	33590
7710	3320	GGGUGACC G UAGUUCCU	13209	AGGAACTA GGCTAGCTACAACGA GGTCACCC	33591
7713	3317	UGACCGUA G UUCCUGGG	13210	CCCAGGAA GGCTAGCTACAACGA TACGGTCA	33592
7721	3309	GUUCCUGG G CAGUAAUC	13211	GATTACTG GGCTAGCTACAACGA CCAGGAAC	33593
7724	3306	CCUGGGCA G UAAUCGAA	13212	TTCGATTA GGCTAGCTACAACGA TGCCCAGG	33594
	3297	UAAUCGAA G UCAAUCUC	13213	GAGATTGA GGCTAGCTACAACGA TTCGATTA	33595
7733			13214	GACGAAGG GGCTAGCTACAACGA CGGGTAGA	33596
7748	3282	UCUACCG G CCUUCGUC			
7754	3276	CGGCCUUC G UCCCAUGG	13215	CCATGGGA GGCTAGCTACAACGA GAAGGCCG	33597
7763	3267	UCCCAUGG G CCCUGGUU	13216	AACCAGGG GGCTAGCTACAACGA CCATGGGA	33598
7769	3261	GGGCCCUG G UUUUGUGU	13217	ACACAAAA GGCTAGCTACAACGA CAGGGCCC	33599
7774	3256	CUGGUUUU G UGUCUUGU	13218	ACAAGACA GGCTAGCTACAACGA AAAACCAG	33600
7776	3254	GGUUUUGU G UCUUGUAC	13219	GTACAAGA GGCTAGCTACAACGA ACAAAACC	33601
7781	3249	UGUGUCUU G UACCCAGG	13220	CCTGGGTA GGCTAGCTACAACGA AAGACACA	33602
7789	3241	GUACCCAG G UCUCCGAU	13221	ATCGGAGA GGCTAGCTACAACGA CTGGGTAC	33603
7799	3231	CUCCGAUU G UGAUUGCU	13222	AGCAATCA GGCTAGCTACAACGA AATCGGAG	33604
7805	3225	UUGUGAUU G CUUCGUGG	13223	CCACGAAG GGCTAGCTACAACGA AATCACAA	33605
7810	3220	AUUGCUUC G UGGUCCCG	13224	CGGGACCA GGCTAGCTACAACGA GAAGCAAT	33606
7813	3217	GCUUCGUG G UCCCGCCA	13225	TGGCGGGA GGCTAGCTACAACGA CACGAAGC	33607
7818	3212	GUGGUCCC G CCAGUGUG	13226	CACACTGG GGCTAGCTACAACGA GGGACCAC	33608
7822	3208	UCCCGCCA G UGUGACUG	13227	CAGTCACA GGCTAGCTACAACGA TGGCGGGA	33609
7824	3206	CCGCCAGU G UGACUGGU	13228	ACCAGTCA GGCTAGCTACAACGA ACTGGCGG	33610
7831	3199	UGUGACUG G UAUUAUCA	13229	TGATAATA GGCTAGCTACAACGA CAGTCACA	33611
7841	3189	AUUAUCAA G UCACUCUC	13230	GAGAGTGA GGCTAGCTACAACGA TTGATAAT	33612
7862	3168	AUUCCAUC G CCCCACAA	13231	TTGTGGGG GGCTAGCTACAACGA GATGGAAT	33613
7872	3158	CCCACAAG G UAUGCGUC	13232		33614
7876	3154	CAAGGUAU G CGUCUCAG	13233		33615
7878	3152	AGGUAUGC G UCUCAGGC	13234	<u> </u>	33616
	3145	CGUCUCAG G CCACGUAC	13235		33617
7885			13235		33617
7890	3140	CAGGCCAC G UACAUGAU			
7917	3113	CCAGAACU G CCCUUUCA	13237		33619
7927	3103	CCUUUCAA G CUUCCACG	13238		33620
7935	3095	GCUUCCAC G UAUCAUUG	13239		33621
7945	3085	AUCAUUGA G CCUGCUUU	13240	AAAGCAGG GGCTAGCTACAACGA TCAATGAT	33622
7949	3081	UUGAGCCU G CUUUCAAU	13241	ATTGAAAG GGCTAGCTACAACGA AGGCTCAA	33623
7970	3060	UAGGACAG G UCACUGUG	13242		33624
7976	3054	AGGUCACU G UGGAUCGC	13243	GCGATCCA GGCTAGCTACAACGA AGTGACCT	33625
7983	3047	UGUGGAUC G CCAAGUUG	13244	CAACTTGG GGCTAGCTACAACGA GATCCACA	33626
7988	3042	AUCGCCAA G UUGUUCUU	13245	AAGAACAA GGCTAGCTACAACGA TTGGCGAT	33627
7991	3039	GCCAAGUU G UUCUUGAC	13246	GTCAAGAA GGCTAGCTACAACGA AACTTGGC	33628
8001	3029	UCUUGACA G CCGUUCCA	13247	TGGAACGG GGCTAGCTACAACGA TGTCAAGA	33629
8004	3026	UGACAGCC G UUCCAAUG	13248	CATTGGAA GGCTAGCTACAACGA GGCTGTCA	33630
8021	3009	AUCUUCGA G UCACAUUC	13249	GAATGTGA GGCTAGCTACAACGA TCGAAGAT	33631
8031	2999	CACAUUCA G UUGUGUUG	13250	CAACACAA GGCTAGCTACAACGA TGAATGTG	33632
8034	2996	AUUCAGUU G UGUUGCUC	13251	GAGCAACA GGCTAGCTACAACGA AACTGAAT	33633
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8036	2994	UCAGUUGU G UUGCUCUC	13252	GAGAGCAA GGCTAGCTACAACGA ACAACTGA	33634
8039	2991	GUUGUGUU G CUCUCUCU	13253	AGAGAGAG GGCTAGCTACAACGA AACACAAC	33635
8067	2963	ACAUCCGA G UGCUGGUG	13254	CACCAGCA GGCTAGCTACAACGA TCGGATGT	33636
8069	2961	AUCCGAGU G CUGGUGAG	13255	CTCACCAG GGCTAGCTACAACGA ACTCGGAT	33637
8073	2957	GAGUGCUG G UGAGACCA	13256	TGGTCTCA GGCTAGCTACAACGA CAGCACTC	33638
8105	2925	ACUUCUAA G CUAUUCCA	13257	TGGAATAG GGCTAGCTACAACGA TTAGAAGT	33639
8115	2915	UAUUCCAA G CGCGAUUC	13258	GAATCGCG GGCTAGCTACAACGA TTGGAATA	33640
8117	2913	UUCCAAGC G CGAUUCUG	13259	CAGAATCG GGCTAGCTACAACGA GCTTGGAA	33641
8127	2903	GAUUCUGA G UCGGACAU	13260	ATGTCCGA GGCTAGCTACAACGA TCAGAATC	33642
		AUUCCUUG G UCUCCGGA		TCCGGAGA GGCTAGCTACAACGA CAAGGAAT	
8142	2888		13261	CAACAACA GGCTAGCTACAACGA CTTTGTGG	33643
8166	2864	CCACAAAG G UGUUGUUG	13262		33644
8168	2862	ACAAAGGU G UUGUUGGC	13263	GCCAACAA GGCTAGCTACAACGA ACCTTTGT	33645
8171	2859	AAGGUGUU G UUGGCGAG	13264	CTCGCCAA GGCTAGCTACAACGA AACACCTT	33646
8175	2855	UGUUGUUG G CGAGUUCU	13265	AGAACTCG GGCTAGCTACAACGA CAACAACA	33647
8179	2851	GUUGGCGA G UUCUGGUG	13266	CACCAGAA GGCTAGCTACAACGA TCGCCAAC	33648
8185	2845	GAGUUCUG G UGCAAAUA	13267	TATTTGCA GGCTAGCTACAACGA CAGAACTC	33649
8187	2843	GUUCUGGU G CAAAUAAA	13268	TTTATTTG GGCTAGCTACAACGA ACCAGAAC	33650
8211	2819	UUCCCCAG G CCUUCCAG	13269	CTGGAAGG GGCTAGCTACAACGA CTGGGGAA	33651
8219	2811	GCCUUCCA G CCAAUUUC	13270	GAAATTGG GGCTAGCTACAACGA TGGAAGGC	33652
8238	2792	AUUUUUCC G UGGUGGCG	13271	CGCCACCA GGCTAGCTACAACGA GGAAAAAT	33653
8241	2789	UUUCCGUG G UGGCGGUG	13272	CACCGCCA GGCTAGCTACAACGA CACGGAAA	33654
8244	2786	CCGUGGUG G CGGUGAGG	13273	CCTCACCG GGCTAGCTACAACGA CACCACGG	33655
8247	2783	UGGUGGCG G UGAGGCGU	13274	ACGCCTCA GGCTAGCTACAACGA CGCCACCA	33656
8252	2778	GCGGUGAG G CGUUUAGG	13275	CCTAAACG GGCTAGCTACAACGA CTCACCGC	33657
8254	2776	GGUGAGGC G UUUAGGUG	13276	CACCTAAA GGCTAGCTACAACGA GCCTCACC	33658
8260	2770	GCGUUUAG G UGCUGACU	13277	AGTCAGCA GGCTAGCTACAACGA CTAAACGC	33659
8262	2768	GUUUAGGU G CUGACUUG	13278	CAAGTCAG GGCTAGCTACAACGA ACCTAAAC	33660
8270	2760	GCUGACUU G VACAUUCC	13278	GGAATGTA GGCTAGCTACAACGA AAGTCAGC	
					33661
8284	2746	UCCCUCCU G UUUCUCAA	13280	TTGAGAAA GGCTAGCTACAACGA AGGAGGGA	33662
8306	2724	ACACUAAG G UCCACACC	13281	GGTGTGGA GGCTACCTACAACGA CTTAGTGT	33663
8331	2699	UCAAAAGA G UGUUCAGC	13282	GCTGAACA GGCTAGCTACAACGA TCTTTTGA	33664
8333	2697	AAAAGAGU G UUCAGCUC	13283	GAGCTGAA GGCTAGCTACAACGA ACTCTTTT	33665
8338	2692	AGUGUUCA G CUCGUCCU	13284	AGGACGAG GGCTAGCTACAACGA TGAACACT	33666
8342	2688	UUCAGCUC G UCCUUCAC	13285	GTGAAGGA GGCTAGCTACAACGA GAGCTGAA	33667
8352	2678	CCUUCACU G CUUCCCAC	13286	GTGGGAAG GGCTAGCTACAACGA AGTGAAGG	33668
8368	2662	CAUUUGAU G CUCCAGUC	13287	GACTGGAG GGCTAGCTACAACGA ATCAAATG	33669
8374	2656	AUGCUCCA G UCUGGAAA	13288	TTTCCAGA GGCTAGCTACAACGA TGGAGCAT	33670
8389	2641	AACUGAUC G UAGACCGC	13289	GCGGTCTA GGCTAGCTACAACGA GATCAGTT	33671
8396	2634	CGUAGACC G CACACUCC	13290	GGAGTGTG GGCTAGCTACAACGA GGTCTACG	33672
8415	2615	CCUUAUGA G CUUUCUGA	13291	TCAGAAAG GGCTAGCTACAACGA TCATAAGG	33673
8433	2597	UGAUCUUG G CUAGGCCU	13292	AGGCCTAG GGCTAGCTACAACGA CAAGATCA	33674
8438	2592	UUGGCUAG G CCUUGUGG	13293	CCACAAGG GGCTAGCTACAACGA CTAGCCAA	33675
8443	2587	UAGGCCUU G UGGCGUUU	13294		33676
8446	2584	GCCUUGUG G CGUUUCAG	13295		33677
8448	2582	CUUGUGGC G UUUCAGGG	13296		33678
8456	2574	GUUUCAGG G UAAUACUU	13297		33679
8465	2565	UAAUACUU G UACCGGUC	13298	GACCGGTA GGCTAGCTACAACGA AAGTATTA	33680
8471	2559	UUGUACCG G UCCAUCCA	13299		
		CCAUCCAA G CCUCCACA			33681
8481	2549		13300	TGTGGAGG GGCTAGCTACAACGA TTGGATGG	33682
8495	2535	ACAUCAUU G UGUAUGAA	13301	<u> </u>	33683
8497	2533	AUCAUUGU G UAUGAACA	13302		33684
8524	2506	ACAUCUCA G CUCUUGCC	13303	GGCAAGAG GGCTAGCTACAACGA TGAGATGT	33685
8530	2500	CAGCUCUU G CCGGCUGA	13304	TCAGCCGG GGCTAGCTACAACGA AAGAGCTG	33686
8534	2496	UCUUGCCG G CUGAUGUC	13305		33687
8540	2490	CGGCUGAU G UCUAUGGC	13306	GCCATAGA GGCTAGCTACAACGA ATCAGCCG	33688
8547	2483	UGUCUAUG G CACACCCA	13307	TGGGTGTG GGCTAGCTACAACGA CATAGACA	33689
8556	2474	CACACCCA G UGUCAGCG	13308	CGCTGACA GGCTAGCTACAACGA TGGGTGTG	33690
8558	2472	CACCCAGU G UCAGCGUG	13309	CACGCTGA GGCTAGCTACAACGA ACTGGGTG	33691
8562	2468	CAGUGUCA G CGUGCACG	13310	CGTGCACG GGCTAGCTACAACGA TGACACTG	33692
8564	2466	GUGUCAGC G UGCACGUU	13311	AACGTGCA GGCTAGCTACAACGA GCTGACAC	33693
8566	2464	GUCAGCGU G CACGUUCA	13312	 	33694
8570	2460	GCGUGCAC G UUCACGGA	13313	TCCGTGAA GGCTAGCTACAACGA GTGCACGC	33695
8587	2443	GAGGAAGA G CAGAACUC	13314	GAGTTCTG GGCTAGCTACAACGA TCTTCCTC	33696
لنتنا				CANTILLO GOCTAGGIACON ICITCUIC	33030

8604	2426	CUCCAACU G CGAGAAAC	13315	GTTTCTCG GGCTAGCTACAACGA AGTTGGAG	33697
8613	2417	CGAGAAAC G UGAGAGCU	13316	AGCTCTCA GGCTAGCTACAACGA GTTTCTCG	33698
8619	2411	ACGUGAGA G CUAUGGAC	13317	GTCCATAG GGCTAGCTACAACGA TCTCACGT	33699
8637	2393	UAUCACGA G CAUUGAUG	13318	CATCAATG GGCTAGCTACAACGA TCGTGATA	33700
8645	2385	GCAUUGAU G CCCAUCCA	13319	TGGATGGG GGCTAGCTACAACGA ATCAATGC	33701
8664	2366	ACAGGAGA G CCCCCAGC	13320	GCTGGGGG GGCTAGCTACAACGA TCTCCTGT	33702
8671	2359	AGCCCCCA G CAAUCCUU	13321	AAGGATTG GGCTAGCTACAACGA TGGGGGCT	33703
8680	2350	CAAUCCUU G CGUUAUCC	13322	GGATAACG GGCTAGCTACAACGA AAGGATTG	33704
8682	2348	AUCCUUGC G UUAUCCAG	13323	CTGGATAA GGCTAGCTACAACGA GCAAGGAT	33705
		CAGGACAU G CCUCCGAA		TTCGGAGG GGCTAGCTACAACGA ATGTCCTG	
8696	2334		13324		33706
8707	2323	UCCGAACA G UGAGCGGA	13325	TCCGCTCA GGCTAGCTACAACGA TGTTCGGA	33707
8711	2319	AACAGUGA G CGGAAUGC	13326	GCATTCCG GGCTAGCTACAACGA TCACTGTT	33708
8718	2312	AGCGGAAU G CUCCUCCG	13327	CGGAGGAG GGCTAGCTACAACGA ATTCCGCT	33709
8742	2288	GAUGGACA G CCUUCCCA	13328	TGGGAAGG GGCTAGCTACAACGA TGTCCATC	33710
8757	2273	CAACUGAG G UGAACACC	13329	GGTGTTCA GGCTAGCTACAACGA CTCAGTTG	33711
8783	2247	GAUCCAAA G UCCCAAGC	13330	GCTTGGGA GGCTAGCTACAACGA TTTGGATC	33712
8790	2240	AGUCCCAA G CUGUGUCU	13331	AGACACAG GGCTAGCTACAACGA TTGGGACT	33713
8793	2237	CCCAAGCU G UGUCUCCU	13332	AGGAGACA GGCTAGCTACAACGA AGCTTGGG	33714
8795	2235	CAAGCUGU G UCUCCUAG	13333	CTAGGAGA GGCTAGCTACAACGA ACAGCTTG	33715
8805	2225	CUCCUAGA G CGGCUAGU	13334	ACTAGCCG GGCTAGCTACAACGA TCTAGGAG	33716
8808	2222	CUAGAGCG G CUAGUCUC	13335	GAGACTAG GGCTAGCTACAACGA CGCTCTAG	33717
8812	2218	AGCGGCUA G UCUCUGCG	13336	CGCAGAGA GGCTAGCTACAACGA TAGCCGCT	33718
8818	2212	UAGUCUCU G CGCUCCUU	13337	AAGGAGCG GGCTAGCTACAACGA AGAGACTA	33719
8820	2212	GUCUCUGC G CUCCUUUG	13337	CAAAGGAG GGCTAGCTACAACGA AGAGACTA	
					33720
8832	2198	CUUUGAGG G UGGUUGUA	13339	TACAACCA GGCTAGCTACAACGA CCTCAAAG	33721
8835	2195	UGAGGGUG G UUGUAAAG	13340	CTTTACAA GGCTAGCTACAACGA CACCCTCA	33722
8838	2192	GGGUGGUU G UAAAGGCU	13341	AGCCTTTA GGCTAGCTACAACGA AACCACCC	33723
8844	2186	UUGUAAAG G CUUUGCCA	13342	TGGCAAAG GGCTAGCTACAACGA CTTTACAA	33724
8849	2181	AAGGCUUU G CCAAUGCU	13343	AGCATTGG GGCTAGCTACAACGA AAAGCCTT	33725
8855	2175	UUGCCAAU G CUGCUUCC	13344	GGAAGCAG GGCTAGCTACAACGA ATTGGCAA	33726
8858	2172	CCAAUGCU G CUUCCAGA	13345	TCTGGAAG GGCTAGCTACAACGA AGCATTGG	33727
8870	2160	CCAGACUU G UGCCAAUG	13346	CATTGGCA GGCTAGCTACAACGA AAGTCTGG	33728
8872	2158	AGACUUGU G CCAAUGGU	13347	ACCATTGG GGCTAGCTACAACGA ACAAGTCT	33729
8879	2151	UGCCAAUG G UGAUUGAU	13348	ATCAATCA GGCTAGCTACAACGA CATTGGCA	33730
8890	2140	AUUGAUCU G UUGUUCUC	13349	GAGAACAA GGCTAGCTACAACGA AGATCAAT	33731
8893	2137	GAUCUGUU G UUCUCCUC	13350	GAGGAGAA GGCTAGCTACAACGA AACAGATC	33732
8903	2127	UCUCCUCU G CCCACCAC	13351	GTGGTGGG GGCTAGCTACAACGA AGAGGAGA	33733
8915	2115	ACCACUAU G UAUGAGUC	13352	GACTCATA GGCTAGCTACAACGA ATAGTGGT	33734
8921	2109	AUGUAUGA G UCUCCAAA	13353	TTTGGAGA GGCTAGCTACAACGA TCATACAT	33735
8932	2098	UCCAAAGG G UGGUUCCA	13354	TGGAACCA GGCTAGCTACAACGA CCTTTGGA	33736
8935	2095	AAAGGGUG G UUCCAAUU	13355	AATTGGAA GGCTAGCTACAACGA CACCCTTT	33737
8958	2072	GGACCUUA G CGUUGGCC	13356	GGCCAACG GGCTAGCTACAACGA TAAGGTCC	
8960	2072	ACCUUAGC G UUGGCCGU			33738
		UAGCGUUG G CCGUGGCC	13357	ACGGCCAA GGCTAGCTACCAACGA GCTAAGGT	33739
8964	2066		13358	GGCCACGG GGCTAGCTACAACGA CAACGCTA	33740
8967	2063	CGUUGGCC G UGGCCACU	13359	AGTGGCCA GGCTAGCTACAACGA GGCCAACG	33741
8970	2060	UGGCCGUG G CCACUGAA	13360	TTCAGTGG GGCTAGCTACAACGA CACGGCCA	33742
8987	2043	ACAAAAGG G UUGACAGU	13361	ACTGTCAA GGCTAGCTACAACGA CCTTTTGT	33743
8994	2036	GGUUGACA G UGACCAAU	13362	ATTGGTCA GGCTAGCTACAACGA TGTCAACC	33744
9005	2025	ACCAAUCU G CCCACUGG	13363	CCAGTGGG GGCTAGCTACAACGA AGATTGGT	33745
9013	2017	GCCCACUG G CGUUAGGU	13364	ACCTAACG GGCTAGCTACAACGA CAGTGGGC	33746
9015	2015	CCACUGGC G UUAGGUCG	13365	CGACCTAA GGCTAGCTACAACGA GCCAGTGG	33747
9020	2010	GGCGUUAG G UCGUUCAA	13366	TTGAACGA GGCTAGCTACAACGA CTAACGCC	33748
9023	2007	GUUAGGUC G UUCAAUGA	13367	TCATTGAA GGCTAGCTACAACGA GACCTAAC	33749
9033	1997	UCAAUGAA G CCACUGAC	13368	GTCAGTGG GGCTAGCTACAACGA TTCATTGA	33750
9056	1974	GGAACUUU G CAAGGUCC	13369	GGACCTTG GGCTAGCTACAACGA AAAGTTCC	33751
9061	1969	UUUGCAAG G UCCAUCCG	13370	CGGATGGA GGCTAGCTACAACGA CTTGCAAA	33752
9069	1961	GUCCAUCC G UGCCAGUG	13371	CACTGGCA GGCTAGCTACAACGA GGATGGAC	33753
9071	1959	CCAUCCGU G CCAGUGUA	13372	TACACTGG GGCTAGCTACAACGA ACGGATGG	33754
9075	1955	CCGUGCCA G UGUACUGC	13372		
9077	1953	GUGCCAGU G UACUGCAA		GCAGTACA GGCTAGCTACAACGA TGGCACGG	33755
9082			13374	TTGCAGTA GGCTAGCTACAACGA ACTGGCAC	33756
	1948	AGUGUACU G CAAUUCCA	13375	TGGAATTG GGCTAGCTACAACGA AGTACACT	33757
9099	1931	ACACCACA G UGCCGUGA	13376	TCACGGCA GGCTAGCTACAACGA TGTGGTGT	33758
9101	1929	ACCACAGU G CCGUGACC	13377	GGTCACGG GGCTAGCTACAACGA ACTGTGGT	33759

1910 1926 ACABURGU G BURGURGU 13378 ACABURGU G GECATGOT 33760	W) 02/068637		I apie V	PC17US01/48350	
	9104	1926	ACAGUGCC G UGACCUGU	13378	ACAGGTCA GGCTAGCTACAACGA GGCACTGT	33760
9317 1917 UGACCUGU G UGUGGGGG 13381 COCGCAGA GGCTAGCTACACAGA ACAGGTCA 33762 9127 1913 CUGUGGGG G UCCAAGA 13382 TCTTGGGG GGCTAGCTACACAGA RCACGGTCA 33764 9121 1389 ACUUGAAA CCUUUGAA 13382 TCTTGGGG GGCTAGCTACACAGA TCCCGCGA 33764 9155 1875 GANCAGAG G COCCUAGA 13382 TCTTGGGG GGCTAGCTACACAGA TCTCACGT 33765 1875 GANCAGAG G COCCUAGA 13384 ACCTATGG GGCTAGCTACACAGA TCTCACGT 33765 1875 GANCAGAG G COCCUAGA 13384 ACCTATGG GGCTAGCTACACAGA TCTCACGT 33765 1875 GANCAGAG G COCCUAGA G UCUCUCUC 13386 GARGAGAA GGCTAGCTACACAGA TCTCACGG 33767 1852 COUCAACU G CAAUUUU 13386 GAAGGAA GGCTAGCTACACAGA ACCTATG 33765 1876 1852 COUCAACU G CAAUUUU 13386 GAAGGAA GGCTAGCTACAACGA ACCTATG 33767 1879 ACUUGACA G UGUUGCCC 13389 AACCAACA GGCTAGCTACAAGAGA ACCTATG 33771 UUGACACA G UGUGUGUU 13380 AACCAACA GGCTAGCTACAACGA ACCTATG 33771 2333 1797 UUGACACA G UGUGUGUU 13380 AACCAACA GGCTAGCTACAAGAGA ACCTATG 33773 2336 1794 ACAGGGGU G CUCAAGAC 13392 AACCAACA GGCTAGCTACAAGAGA ACCTATG 33773 2336 1794 ACAGGGGU G CUCAAGAC 13393 TTTTCAAG GGCTAGCTACAAGAGA ACCTCTG 33773 2326 1794 ACAGGGAU G CUCAAGC 13392 GACTCTG GGCTAGCTACAAGAGA ACCTCTG 33773 2324 1766 UGGCUCCA G CCAAAGCU 13393 AGCTTAGG GGCTAGCTACAAGAGA ACCTCTG 33773 2324 1766 UGGCUCCA G CCAAAGCU 13393 AGCTTAGG GGCTAGCTACAAGAGA ACCTCTG 33773 2324 1766 UGGCUCCA G CCAAAGCU 13394 ACCTCTG GGCTAGCTACAAGAGA ACCTCATG 33775 23271 1753 ACCUUCAA G CUCAAGAC 13392 GACTCTG GGCTAGCTACAAGAGA ACCACGT 33777 2328 1748 UCUUGAGA G CUCAAGAG 13394 ACCTCATG GGCTAGCTACAAGAGA ATCAAGCT 33777 2328 1748 UCUUGAGA G CUCAAGAG GCCAAGAGA GCCAAG			CGUGACCU G UGUCUGCG	13379	CGCAGACA GGCTAGCTACAACGA AGGTCACG	
9117 1913 CUGUGUU G CUGGARGU 13381 GACTICCG GGCTAGCTACAGGA RGACCAGG 33763 9141 3889 ACUUGADA G CULUUGAA 13381 TECRADAG GGCTAGCTACAGAGA GCCCAGG 33765 9155 1375 GACCAGGA G CUCUAGGA 13381 TECRADAG GGCTAGCTACAGAGA FTTCDAGT 33765 9155 1375 GACCAGGA G CULUUGAA 13381 TECRADAG GGCTAGCTACAGAGA GTTCTAGT 33765 9155 1375 GACCAGGA G CULUUGUUC 13385 GGARCAR GGCTAGCTACAGAGA GTTCTAGGT 33767 9155 1385 CACCAGGA G UUGCUUC 13385 GGARCAR GGCTAGCTACAGAGA AGCTTCTAG 33767 9155 1385 CACCAGGA G CUUCAACU G CAADUUUU 13386 CAACTTUR GGCTAGCTACAGAGA AGCTTCAGA 33767 9155 1385 CACCAGGA G CUUCAACU G CAADUUUU 13386 CAACTTUR GGCTAGCTACAGAGA AGCTTCAGA 33773 728231 1797 ACUUGACA G UUCAACUU 13386 CAACTTUR GGCTAGCTACAGAGA AGCTTCAGA 33773 728231 1798 ACUUGACA G UUCAACUU 13386 CAACTTUR GGCTAGCTACAGAGA ACTTCAGA 33773 72836 1779 ACUUGACA G UUCAAGAC 13386 CAACTTUR GGCTAGCTACAGAGA ACTTCAGA 33773 72836 1779 ACUUGACA G UUCAAGAC 13389 AACCAGA GGCTAGCTACAGAGA ACTTCCATA 33773 72836 1779 ACUUGACA G CUCCAGCC 13389 GACTUGAG GGCTAGCTACAGAGA ACTTCCATA 33773 72846 1766 UUGGUCCA 13389 AGCTTCAGAG GGCTAGCTACAGAGA ACTTCCATA 33773 72846 1766 UUGGUCCA 13389 AGCTTCAGAG GGCTAGCTACAGAGA ACTTCCATA 33773 72874 7287						 -
9111 3899						
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9231 1797	9178	1852	CUUCAACU G CAAUUUUU	13387		33769
9235 1797 UUGACAGU G UUGCUUGA 13390 TECAAGCAA GGCTAGCTACAACGA ACTGTCAA 33772 9236 1794 ACAGUGUU G CUUGABAA 13391 TITTCAMG GGCTAGCTACAACGA ACACTGT 33773 9264 1776 CAGGAAUG G CUCCAGCC 13392 GGCTAGCTACAACGA CACTCCTG 33774 9264 1766 UUGCCCAA G CUUGAUGC 13393 GGCTAGCTACAACGA CACTCCTG 33776 9277 1750 CAGCAAA G CUUGAUGC 13394 GCATCAAC GGCTAGCTACAACGA TEGAGCCA 33776 9277 1750 CAGCAAA G CUUGAUGC 13395 GCATCAAC GGCTAGCTACAACGA TEGAGCCT 33776 9277 1753 AGCUUGAU G CAGAGCUC 13395 GCATCAAC GGCTAGCTACAACGA TEGAGCCT 33776 9282 1748 GUUCAGAGA G CUCCCUCU 13395 GAGAGGAG GGCTAGCTAACACGA TACAACGT 73778 9292 1738 UUCCCUCUU G UGAGCCCA 13397 GCATCAAC GGCTAGCTACAACGA TACAACGT 73778 9295 1734 UUCUUGAG G CCCAAUGC 13399 TEGATCGG GGCTAGCTACAACGA TACAACGT 73778 9303 1727 AGCCCAAU G CUUACACA 13399 TEGATCGG GGCTAGCTACAACGA TACAACGT 73781 9310 1727 AGCCCAAU G CUUACACA 13399 TEGATCGG GGCTAGCTACAACGA TACAACGT 73781 9311 1799 ACUGCUUG UGAGCGUUG 13400 CACCGAAC GGCTAGCTACAACGA TACAACGT 73781 9324 1706 GCUUCGUG G GUUGUGUG 13400 ACACCGAC GGCTAGCTACAACGA ACTCTCTG 33782 9324 1706 GCUUCGUG G GUUGUGUU 13401 ACACCGCA GGCTAGCTACAACGA ACCCAACG 33786 9326 1704 UUCCUGAG G UUCCUCCA 13407 TACACCACG GGCTAGCTACAACGA ACCCAACG 33786 9327 1659 GCCCABUG GUUCCUCA 13405 TEGAGCAC GGCTAGCTACAACGA ACCCCAACG 33786 9331 1699 GCCCABUG GUUCCUCA 13406 CAGAGAGA GGCTAGCTACAACGA ACCCCAACG 33786 9335 1679 CCABUACA G UUCCUCCA 13407 TACACCAC GGCTAGCTACAACGA ACCCCACG 33786 9336 1679 CCABUACA G UUCCUCCA 13407 TACACCAC GGCTAGCTACAACGA ACCCCACG 33786 9337 1659 GCCCAAUG GUUCCUCCA 13407 TACACCAC GGCTAGCTACAACGA TACACCC 33786 9338 1679 CCABUACA G UUCCUCCA 13407 TACACCAC GGCTAGCTACAACGA TACACCC 33786 9339 1671 GUUCCUCCA 13407 TACACCAC GGCTAGCTACAACGA TACACCC 33786 9339 1671 GUUCCUCCA 13406 TACACCAC GGCTAGCTACAACGA TACACCC 33786 939 1671 GUUCCAC G CAUCCCC 13409 TACACCA GGCTAGCTACAACGA TACACCC 33786 939 1671 GUUCCACA G CAUCCCC 13409 TACACCA GGCTAGCTACAACGA TACACCC 33789 939 1671 GUUCCACA G CAUCCCC 13409 TACACCA GGCTAGCTACAACGA TACACCC 33789 939 1671 GUUCCACA G CAUCCCC 13409 TACACCA GGCTAGCTAC	9219		GACCCGAC G UCAACUUG	13388	CAAGTTGA GGCTAGCTACAACGA GTCGGGTC	33770
9256 1794 ACAGUGUU G CUIGAAAA 13391 TITTCAMG GGCTAGCTACAACGA AACACTOT 33773 9256 1772 CAGGAALIG G CUCCAGCC 13392 GGCTGGAG GGCTAGCTACAACGA CATTCCTG 33776 9270 1760 CAGCCAAA GCCAAAGCU 13393 AGCTTTGG GGCTAGCTACAACGA CATTCCTG 33776 CAGCCAAA GCCAAAGCU 13395 AGCTTTGG GGCTAGCTACAACGA TUTGGCGC 33775 9277 1753 AGCCCACA GCCAAAGCU 13395 GAGCTTG GGCTAGCTACAACGA TUTGGCGC 33776 GCCACCACCA TUTGGCCC 13395 GAGCTTG GGCTAGCTACAACGA TUTGACCC 33776 GCCACCACCA TUTGCCCC 13395 GAGCTTG GGCTAGCTACAACGA TUTGACCC 33776 GCCACCACCA TUTGCCCC 13395 GAGCTTG GGCTAGCTACAACGA TUTCACCC 33776 GCCCCCCCU 13396 GAGCTGC GGCTAGCTACAACGA TUTCACCC 33776 GAGCTCC GGCTAGCTACAACGA TUTCACCC 33776 GAGCTCC GGCTAGCTACAACGA TUTCACCC 33776 GAGCTCC GGCTAGCTACAACGA TUTCACCC 33776 GAGCTCC GGCTAGCTACAACGA TUTCACCCC 33786 GCCACCCCCCC 33760 GCCACCACCC 33760 GCCACCACCC 33760 GCCACCACCC 33760 GCCACCACCC 33760 GCCACCACCC 33760 GCCACCACCC 3476 GCCACCCCC 3476 GCCACCCCC 3476 GCCACCACCC 3476 GCCACCCCC 3476 GCCACCCCCCCCC 3476 GCCACCCCCCCCCCCC 3476 GCCACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	9231	1799	ACUUGACA G UGUUGCUU	13389	AAGCAACA GGCTAGCTACAACGA TGTCAAGT	33771
9256 1776	9233	1797	UUGACAGU G UUGCUUGA		TCAAGCAA GGCTAGCTACAACGA ACTGTCAA	33772
9264 1766	9236	1794	ACAGUGUU G CUUGAAAA	13391	TTTTCAAG GGCTAGCTACAACGA AACACTGT	33773
9277 1753 AGCUQAU G CAUGAUGC 13394 GCATCAMG GGCTACCTACAAGGA TTTOGCTG 33776 9277 1753 AGCUUGAU G CAGAGCCC 13395 GAGCTCTG GGCTAGCTACAACGA ATCAAGCT 33777 9292 1738 UCCCUCTU G UGAGCCCA 13397 TGGGCTCA GGCTACCTACAACGA ATCAGCT 33778 9292 1738 UCCCUCTU G UGAGCCCA 13397 TGGGCTCA GGCTACCTACAACGA AGAGGGGA 33779 9292 1734 UCUCUUGUGA G CCCAAUGC 13398 GCATCAGGG GGCTACCTACAACGA AGAGGGGA 33779 9296 1734 UCUCUUGUGA G CCCAAUGC 13398 GCATCAGGG GGCTACCTACAACGA ACAAGA 33780 9303 1727 AGCCCAAU G CUUCUUGG 13400 CCACGAGA GGCTACCTACAACGA ACAAGA 33780 9316 1714 CACAGACU G CUUCUUGG 13400 CCACGAGA GGCTACCTACAACGA ACAACAA 33781 9324 1706 ACUGCUUC G UGGCGUUU 13401 ACACCACAC GGCTACCTACAACGA AGACCAG 33784 9324 1704 UCUCUGGGC UGUGUUC 13402 ACCACACG GGCTACCTACAACGA AGACCAG 33784 9324 1704 UCUGUGGC UGUGUUC 13403 GACCACACG GGCTACCTACAACGA ACCGAACGA 33786 9331 1699 GGCGUUG UUCUCUCA 13404 AGGAACCA GGCTACCTACAACGA ACCCACCA 33787 9331 1699 GGCGUUG UUCUCUCA 13404 AGGAACCA GGCTACCTACAACGA ACCCACCA 33787 9351 1679 CCAUUAAC UCUCUCCA 13407 TGGGGAA GGCTACCTACAACGA ACCCACCA 33787 9352 1679 CCAUUAAC UCUCUCCA 13407 TGGAGGAA GGCTACCTACAACGA CACGCCC 33787 9352 1671 GUCUUCU UUCCUCCA 13407 TGGAGGAA GGCTACCTACAACGA CACGCCC 33789 9372 1658 UCCACACA UACUUCCA 13408 TGGAGAAG GGCTACCTACAACGA TGGTGGA 33799 9386 1644 CCAGCAC UCUCUCCA 13408 TGGAGAAG GGCTACCTACAACGA TGGTGGA 33799 9386 1649 UACUUCCA CAUUCCA 13408 TGGAGAGA GGCTACCTACAACGA TGGTGGA 33799 9398 16532 CAAGGGGA UCUCUCCA 13408 TGGAGAGA GGCTACCTACAACGA TGGTGGA 33799 9404 1526 AGGUUGAG UUCCACAC UCUCUCCA 13408 TGGAGAGA GGCTACCTACAACGA TGGTGGA 33799 9404 1526 AGGUUGAG UCACACG 13411 GACCTCAA GGCTACCTACAACGA CTCAACCA 33799 9404 1526 AGGUUGAG UCACACG 13411 GACCTCAA GGCTACCTACAACGA CTCAACCA 33799 9450 1550 UUCCAACA	9258	1772	CAGGAAUG G CUCCAGCC	13392	GGCTGGAG GGCTAGCTACAACGA CATTCCTG	33774
9277 1753 AGCUUGAU G CAGAGCUC 13395 GAGCTCTG GGCTAGCTACAACGA ATCAAGCT 33777 9292 1738 UCCCUCUU G UGAGCCCA 13395 AGAGGGGA GGCTAGCTACAACGA ATCAAGCT 33778 9296 1734 UCUUGUGA G CCCAAUGC 13397 TGGGCTCA GGCTAGCTACAACGA TCACACGA 33780 9393 1727 AGCCCAAU G CUUCGUG 13399 TGGGCTCA GGCTAGCTACAACGA TCACACGA 33780 93930 1727 AGCCCAAU G CUUCGUGG 13400 CCACGAAG GGCTACCTACAACGA AGCCCACGA 33780 93930 17199 ACGCCACAU G CUUCGUGG 13401 ACACGCCA GGCTACCTACAACGA AGCCCACGA 33784 9324 1706 GCUUCGUG G CGUUGGUG 13401 ACACGCCA GGCTACCTACAACGA AGCCCACGA 33784 9324 1706 GCUUCGUG G CGUUGGUU 13401 ACACGCCA GGCTACCTACAACGA AGCCACC 33786 9324 1706 GCUUCGUG G CGUUGGUU 13403 GAACCACA GGCTACCTACAACGA AGCCACC 33786 9328 1702 CGUGGCGU G UGUCGUC 13404 AGGAACCAC GGCTACCTACAACGA CACGACC 33786 9328 1702 CGUGGCGU G UUCCUCAA 13405 TTGAGGAA GGCTACCTACAACGA ACCCACC 33787 9331 1659 GGCGUGU G UUCCUCCAA 13405 TTGAGGAA GGCTACCTACAACGA ACCACGCC 33787 9351 1679 CCAUNAAC G UUCCUCCA 13406 CGAGGAGA GGCTACCTACAACGA ACCACGCC 33787 9372 1658 UCCACACA G UACCUCCC 13407 TGGAGGAA GGCTACCTACAACGA ACCAGCC 33787 9372 1658 UCCACACA G UACCUCCC 13407 TGGAGGAA GGCTACCTACAACGA AGAGGAC 33789 9381 1649 UACCUCCCA 13408 TGGAGGTA GGCTACCTACAACGA AGAGGAC 33789 9381 1649 UACCUCCA CUCCAAGG 13410 GACGACG GGCTAGCTACAACGA AGAGGAC 33790 9381 1649 UACCUCCA CUCCAAGG 13410 GACCACCAC GCCTACCACCA GACGACCC CUCCAAGG 13410 GACCACCA GCCTACCTACAACGA AGAGGAC 33790 9381 1649 UACCUCCA CUCCAAGG 13410 GACCACCAC GCCTACCACCA GACGACCC CUCCAAGGA CUCCACGA 13410 GACCACCAC GCCTACCACCA GACGACCC CUCCAAGGA CUCCACGAC CUCCACGA CUCCACGAC CUCC	9264	1766	UGGCUCCA G CCAAAGCU	13393	AGCTTTGG GGCTAGCTACAACGA TGGAGCCA	33775
9282 1748	9270	1760	CAGCCAAA G CUUGAUGC	13394	GCATCAAG GGCTAGCTACAACGA TTTGGCTG	33776
9292 1738	9277	1753	AGCUUGAU G CAGAGCUC	13395	GAGCTCTG GGCTAGCTACAACGA ATCAAGCT	33777
9296 1734 UCUUGUGA G CCCAAUGC 13398 GCATTGGG GGCTAGCTACAACGA TACAACGA 33780 9303 1727 AGCCCAAU G CUUCACAC 13399 TOTGATAG GGCTAGCTACAACGA ATTGGGC 33781 9316 1714 CACAGACU G CUUCAGUG 13400 CCCAGAAG GGCTAGCTACAACGA AGTCTGTG 33782 9324 1706 GCUUCGUG G GGGUGUGU 13401 ACACGCCA GGCTAGCTACAACGA AGTCTGTG 33783 9324 1706 GCUUCGUG G GGUGUGGU 13402 ACCACACG GGCTAGCTACAACGA GCACGAGA 33783 9325 1704 UUCGUGGG G GUGUGGUU 13402 ACCACACG GGCTAGCTACAACGA GCACGAGA 33785 9326 1704 UUCGUGGG G UUCGUCA 13403 ACACACA GGCTAGCTACAACGA ACCACGAG 33786 9327 1699 GGCGUGUG G UUCCUCA 13405 TTGAGGAA GGCTAGCTACAACGA ACCACGAG 33786 9331 1699 GGCGUGUG G UUCCUCA 13405 TTGAGGAA GGCTAGCTACAACGA ACCACGAG 33786 9351 1679 CCAUUAAC G UUCCUCA 13405 TTGAGGAA GGCTAGCTACAACGA ACCACGCC 33786 9352 1671 GUCCUCUG G UUCCUCCA 13405 TTGAGGAA GGCTAGCTACAACGA ACACACGCC 33786 9353 1669 UACCUCCA G UUCCUCCA 13406 TGGAGAGA GGCTAGCTACAACGA ACACGACG 33786 9358 1661 GUCCUCCU G UUCCUCCA 13407 TGGAGGAA GGCTAGCTACAACGA AGAGAGAC 33789 9372 1658 UCCACACA G UACUUCCA 13408 TGGAGATA GGCTAGCTACAACGA AGAGAGAC 33789 9381 1649 UACUUCCA G CACUGCUC 13409 GAGCAGG GGCTAGCTACAACGA AGAGAGAC 33790 9386 1644 CCAGCACA G UUCGUCAA 13410 CCTTGGAG GGCTAGCTACAACGA AGAGAGAC 33791 9398 1652 CAAGGGAG G UUGAGGCC 13409 GAGCAGG GGCTAGCTACAACGA AGAGAGAC 33791 9404 1626 AGGUUAGA G UCCAUCAG 13411 GCCTTGGAG GGCTAGCTACAACGA AGAGCAGA 33791 9405 1595 CCAAGAAC G UUCUUGUU 13413 AACAAAGA GGCTAGCTACAACGA CTCCCTTG 33794 9415 1595 CACAGAAC G UUCUUGUU 13413 AACAAAGA GGCTAGCTACAACGA CTCCCTTG 33794 9456 1550 AGGUUAGA G UUCAACCA G UAGCAGU 13416 GCATACTACAACGA CTGCAACGA 33796 9451 1560 AGGUCAC G UAGCACU 13410 GCATACAC GCTAGCTACAACGA ATACACA 33796 9451 1560 AGGUCAC G UAGCACU 13410 GCATACAC GCTAGCTACAACGA ATACACA GTGAGAA 33799 9452 1550 AUCACAGA G UAUGCAUC G GAGAGAGA GCTAGCTACAACGA ATACACA GGAGAA 33799 9453 1557 GCAUCAGA G UAUGCAUC G GAGAGAGA GCTAGCTACAACGA ATACACA GGAGAA 33801 9451 1559 AUCACAGA G UCACACC G GAGAGGAGA GCTAGCTACAACGA ATACACA GGAGAA 33802 9550 1560 AUCACAGA G UCACACC G GAGAGGA GCTAGCTACAACGA ATACACA GGAGAACA G	9282	1748	GAUGCAGA G CUCCCUCU	13396	AGAGGGAG GGCTAGCTACAACGA TCTGCATC	33778
9303 1727	9292	1738	UCCCUCUU G UGAGCCCA	13397	TGGGCTCA GGCTAGCTACAACGA AAGAGGGA	33779
9316 1717	9296	1734	UCUUGUGA G CCCAAUGC	13398	GCATTGGG GGCTAGCTACAACGA TCACAAGA	
9316 1714	9303	1727	AGCCCAAU G CUAUCACA	13399	TGTGATAG GGCTAGCTACAACGA ATTGGGCT	
9321 1705	9316	1714	CACAGACU G CUUCGUGG	13400	CCACGAAG GGCTAGCTACAACGA AGTCTGTG	
9324 1706	9321	1709	ACUGCUUC G UGGCGUGU	13401		
9326 1704	9324	1706	GCUUCGUG G CGUGUGGU	13402	ACCACACG GGCTAGCTACAACGA CACGAAGC	
9328 1702 CGUGGCGU G UGGUUCCU 13404 AGGAACCA GGCTAGCTACAACGA ACGCCACG 33786 9331 1699 GGCGUGUG G UUCCUCCA 13405 TTGAGGAA GGCTAGCTACAACGA CACACGC 33787 9351 1679 CCAUUAAC G UCUCUCU 13406 CAGAGAGGA GGCTAGCTACAACGA GTTAATGA 33788 9359 1671 GUCUCCU G UUCCUCCA 13407 TGGAGGAA GGCTAGCTACAACGA GTTAATGA 33789 9372 1658 UCCACACA G UACUUCCA 13408 TGGAAGTA GGCTAGCTACAACGA TGTGTGGA 33790 9381 1649 UACUUCCA CACUGGUC 13408 TGGAAGTA GGCTAGCTACAACGA TGTGTGGA 33791 9386 1644 CCAGGACU G CUCCAAGG 13410 CCTTGGAG GGCTAGCTACAACGA TGGAGTA 33791 9386 1644 CCAGGACU G CUCCAAGG 13410 CCTTGGAG GGCTAGCTACAACGA AGTGCTGG 33792 3938 1632 CAAGGGAG G UUGAGGUC 13411 GACCTCAA GGCTAGCTACAACGA CTCCCTTG 33793 9404 1626 AGGUUGAG G UCCAUGAA 13412 TTCATGGA GGCTAGCTACAACGA CTCCACCT 33794 9435 1595 CCAAGAAC G UCUUUGUU 13413 AACAACAG GGCTAGCTACAACGA CTCACACCT 33794 9441 1589 ACGUCUUU G UUCCAACA 13414 TGTTGGAA GGCTAGCTACAACGA ATACTGG 33795 9450 1580 UUCCAACA G UCAUCACG 13415 CGTGATGA GGCTAGCTACAACGA ATACTGGA 33797 9458 1572 GUCAUCAC G UAGUACAG 13415 GCATACTA GGCTAGCTACAACGA TGTTGGAA 33797 9465 1569 AUCACCAU G UAGUCACG 13416 GCATACTA GGCTAGCTACAACGA TGTTGGAA 33797 9465 1569 AUCACCAU G UAUGACU 13417 AATGCATA GGCTAGCTACAACGA TACTGGAT 33799 9471 1559 AUGCAUU G UAUGACU 13418 CACCAATG GGCTAGCTACAACGA TACTGAC 33800 3471 1557 GCAUUGGU G UACACAGU 13418 CACCAATG GGCTAGCTACAACGA ATACTACG 33801 9471 1559 AUGCAUU G UUCACAGU 13420 GGGATTGA GGCTAGCTACAACGA ATACTACG 33802 9487 1543 CCCUGACG G UCCACUGU 13420 GGGATTGA GGCTAGCTACAACGA ACACTACC 33801 9471 1559 AUGCACUG G UCCACUGU 13420 GGGATTGA GGCTAGCTACAACGA ACACTACC 33801 9490 1540 UGACCAGG G UCCACUGU 13420 GGGATTGA GGCTAGCTACAACGA ACACTAC 33801 9490 1540 UGACCAGG G UCCACUGU 13421 GTGGACTA GGCTAGCTACAACGA ACACTAC 33803 9504 1546 GUUAGAGG G UCCAC	9326	1704	UUCGUGGC G UGUGGUUC	13403		
9331 1699	9328	1702	CGUGGCGU G UGGUUCCU	13404		
9351 1679	9331	1699	GGCGUGUG G UUCCUCAA	-		
9359 1671 GUCUCUCU G UUCCUCCA 13407 TGGAGGAA GGCTAGCTACAACGA AGAGAGAC 33789 9372 1658 UCCACACA G UACUUCCA 13408 TGGAAGTA GGCTAGCTACAACGA TGTGTGGA 33790 9381 1649 UACUUCCA G CACUGUC 13409 GAGCAGTG GGCTAGCTACAACGA TGGAAGTA 33791 9386 1644 CCAGCACU G CUCCAAGG 13410 CCTTGGAG GGCTAGCTACAACGA AGGACTGCTCTG 33792 9398 1632 CAAGGGAG G UCGAUGAA 13411 GACCTCAA GGCTAGCTACAACGA CTCCCTTG 33793 9404 1626 AGGUUGAG G UCCAUGAA 13412 TTCATGGA GGCTAGCTACAACGA CTCCTTG 33795 9451 1595 CCAAGAAC G UCUUUGUU 13413 AACAAGAG GGCTAGCTACAACGA CTCATGGG 33795 9451 1589 ACGUCUUU G UUCCAACA 13414 TGTTGGATG GGCTAGCTAACGA TGTTGGAA 33797 9458 1572 GUCAUCAC G UAGUAUGC 13415 CCTGATGCTACAACGA TGTTCGAACGA 33799 9461 1569 AUCACGUA G UAUGCAU 13417 AATGCATA GGCTAGCTAACGA TACCTACG 33799 9465 1565 CGUAGUAG	9351	1679				
9372 1658 UCCACACA G UACUUCCA 13408 TGGAAGTA GGCTAGCTACAACGA TGTGTGGA 33790 9381 1649 UACUUCCA G CACUGCU 13409 GAGCAGTG GGCTAGCTACAACGA TGGAAGTA 33791 9386 1644 CCAGCACU G CUCCAAGG 13410 CCTTGGAG GGCTAGCTACAACGA AGTGCTGG 33792 9398 1632 CAAGGGAG G UUCAAGGU 13411 GACCTCAA GGCTAGCTACAACGA CTCCCTTG 33793 9404 1626 AGGUUGAG G UCCAUGAA 13412 TTCATGGA GGCTAGCTACAACGA CTCACCT 33794 9435 1595 CCAAGAAC G UCUUUGUU 13413 AACAAAGA GGCTAGCTACAACGA CTCACCT 33794 9436 1596 ACGUCUU G UUCCAACA 13414 TGTTGGAA GGCTAGCTACAACGA CTCACCT 33795 9441 1589 ACGUCUU G UUCCAACA 13414 TGTTGGAA GGCTAGCTACAACGA AAGACCT 33796 9450 1590 UUCCAACA G UCAUCACG 13415 CGTGATGA GGCTAGCTACAACGA AAGACCT 33796 9450 1590 UUCCAACA G UCAUCACG 13415 CGTGATGA GGCTAGCTACAACGA AAGACCT 33799 9458 1572 GUCAUCAC G UAGUAUCC 13416 GCATACTA GGCTAGCTACAACGA AACGACTA 33799 9465 1565 CGUAGUAU G UAUCACACU 13417 AATGCATA GGCTAGCTACAACGA ATACCTAC 33800 9471 1559 AUCACGUU G UUCCAAUC 13419 GATGACA GGCTAGCTACAACGA ATACCTAC 33800 9471 1559 AUCACGUU G UCCAAUCC 13420 GGGATTGA GGCTAGCTACAACGA ATACCTAC 33801 9487 1543 CCCUGACC G UGGUUCAC 13421 GTGAACCA GGCTAGCTACAACGA ACCAATGC 33802 9490 1540 UGACCGUG G UCCACUGU 13421 GTGAACCA GGCTAGCTACAACGA ACCAATGC 33802 9490 1540 UGACCAGU G UCCACUGU 13421 ACAGTGAA GGCTAGCTACAACGA ACCGACGA 33803 9490 1540 UGACCAGU G UCCACUGU 13424 AGAGGGTA GGCTAGCTACAACGA ACCGATCC 33804 9490 1540 UGACCAG G UCCACUGU 13424 AGAGGGGA GGCTAGCTACAACGA ACCGACGA 33805 9554 1594 UUCUCCAA G CUUUAGUG 13425 CACTGAACGA GGCTAGCTACAACGA ACCGACGA 33805 9554 1594 UUCUCCAA G CUUUAGUG 13424 AGAGGGGA GGCTAGCTACAACGA ACCGACGA 33805 9554 1594 UUCUCCAA G CUUUAGUG 13427 TCCACACGA GGCTAGCTACAACGA ACCGACGA 33806 9554 1594 UUCUCCAA G CUUAGUG 13427 TCCACACGA GGCTAGCTACAACGA ACCGACGA 33805 9554 1496 GCUUAGU G UCACACGU 13427 TCCACACGA GGCTACCAACGA ACCGACGA 33805 9555 1475 CCGCAGGA 13430 TCCTGCGG GGCTAGCTACAACGA ACCGACA 33807 9556 1594 UUCAGAGG GCGCCAG 13431 TCCACCA GGCTAGCTACAACGA ACCGTAAA 33811 9556 1494 UUUAGUGU G UUAUAGAGG 13428 CCTTCATA GGCTAGCTACAACGA ACCGTAAG 33819 9555 1475 CCGCAGGA	9359	1671		 		
9381 1649 UACUUCCA G CACUGCUC 13409 GAGCAGTG GGCTAGCTACAACGA TGGAAGTA 33791 9386 1644 CCAGCACU G CUCCAAGG 13410 CCTTGGAG GGCTAGCTACAACGA AGTGCTGG 33792 9398 1632 CAAGGGAG G UUGAGGUC 13411 GACCTCAA GGCTAGCTACAACGA AGTGCTGG 33793 9404 1626 AGGUUGAG G UCCAUGAA 13412 TTCATGGA GGCTAGCTACAACGA CTCCCTTG 33793 9404 1626 AGGUUGAG G UCCAUGAA 13412 TTCATGGA GGCTAGCTACAACGA GTCAACCT 33794 9435 1595 CCAAGAAC G UCUUUGUU 13413 AACAAAGA GGCTAGCTACAACGA GTCAACCT 33794 9411 1589 ACGUCUUU G UUCCAACA 13414 TGTTGGAA GGCTAGCTACAACGA GTCTACGC 33795 9441 1580 ACGUCUU G UUCCAACA 13415 CGTGAGTGA GGCTAGCTACAACGA GTCTTGG 33797 9458 1572 GUCAUCAC G UAGUAUCC 13416 GCATACTA GGCTAGCTACAACGA TGTTGGAA 33797 9461 1569 AUCACACGU G UAUGCAUU 13417 AATGCATA GGCTAGCTACAACGA TACGTGGTA 33799 9465 1565 CGUAGUAU G CAUUGGUG 13418 CACCAATG GGCTAGCTACAACGA TACGTGGT 33799 9465 1565 CGUAGUAU G CAUUGGUG 13418 CACCAATG GGCTAGCTACAACGA TACGTGGT 33800 9471 1559 AUGCAUUG G UGUCAAUC 13419 GATTGACA GGCTAGCTACAACGA ATACTACG 33801 9473 1557 GCAUUGGU G UCAAUCCC 13420 GGGATTGA GGCTAGCTACAACGA ACAATGCA 33802 9487 1543 CCCUGACC G UGGUUCAC 13421 GTGAACCA GGCTAACTACAACGA CAATGCAT 33801 9490 1540 UGACCGUG G UCACAGU 13422 ACTGTGAA GGCTAGCTACAACGA CAATGCAT 33804 9497 1553 GGUUCACA G UCCACGUU 13424 ACAGTGGA GGCTAGCTACAACGA CACGGTCA 33804 9497 1553 GGUUCACA G UCCACGUU 13424 ACAGTGGA GGCTAGCTACAACGA CACGGTCA 33804 9554 1566 AGUCCACU G UCACAGU 13423 ACAGTGGA GGCTAGCTACAACGA CACGGTCA 33806 9554 1504 UUCUCCAA G CUUUAGGG 13425 CACTACAA GGCTAGCTACAACGA CACGGTCA 33806 9554 1504 UUCUCCAA G CUUUAGGG 13425 CACTACAA GGCTAGCTACAACGA CACGGTCA 33807 9552 1498 AAGCUUUA G UGUACAGU 13424 AGAGGTGA GGCTAGCTACAACGA CACGGTCA 33807 9553 1496 GCUUAGU G UGACAGU 13426 CATCACAC GGCTAGCTACAACGA TACAACGA AGGAA 33807 9554 1496 GCUUAGU G UGACAGU 13426 CATCACAC GGCTAGCTACAACGA CACGGAC 33809 9554 1496 GCUUAGU G UGACAGU 13427 TTCATACA GGCTAGCTACAACGA TACAAGCA TGGAAGAA 33807 9554 1496 GCUUAGU G UGAUGU 13428 CCTCACT GGCTAGCTACAACGA ACCATAAC 33809 9554 1496 GCUUAGU G UGAUGU 13430 TCCTGGGG GGCTAGCTACAACGA ACCATAA 3						<u> </u>
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9487 1543 CCCUGACC G UGGUUCAC 13421 GTGAACCA GGCTAGCTACAACGA GGTCAGGG 33803 9490 1540 UGACCGUG G UUCACAGU 13422 ACTGTGAA GGCTAGCTACAACGA CACGGTCA 33804 9497 1533 GGUUCACA G UCCACUGU 13423 ACAGTGGA GGCTAGCTACAACGA TGTGAACC 33805 9504 1526 AGUCCACU G UCACCUCU 13424 AGAGGTGA GGCTAGCTACAACGA AGTGGACT 33806 9526 1504 UUCUCCAA G CUUUAGUG 13425 CACTAAAG GGCTAGCTACAACGA TTGGAGAA 33807 9532 1498 AAGCUUUA G UGUGUAGAA 13426 CATACACA GGCTAGCTACAACGA ACTAAAGC 33808 9534 1496 GCUUUAGUG G UAUGAAG 13427 TTCATACA GGCTAGCTACAACGA ACTAAAA 33810 9544 1486 GUAUGAAG G CGCCGCAG 13429 CTGCGGG GGCTAGCTACAACGA CTCTATAC 33812 9549 1481 AAGGCGCC G CCGCAGGA 13430 TCCTGCGG GGCTAGCTACAACGA CTCTTCAT 33812 9549 1481 AAGGCGCC G CAGGAGUG 13430 TCCTGCGG GGCTAGCTACAACGA CTCTCACG 33813 9555 1475 CCGCAGGA G						
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9497 1533 GGUUCACA G UCCACUGU 13423 ACAGTGGA GGCTAGCTACAACGA TGTGAACC 3805 9504 1526 AGUCCACU G UCACCUCU 13424 AGAGGTGA GGCTAGCTACAACGA AGTGGACT 33806 9526 1504 UUCUCCAA G CUUUAGUG 13425 CACTAAAG GGCTAGCTACAACGA TTGGAGAA 33807 9532 1498 AAGCUUUA G UGUGUAUG 13426 CATACACA GGCTAGCTACAACGA ACACAAAGC 33808 9534 1496 GCUUUAGU G UGUAUGAA 13427 TTCATACA GGCTAGCTACAACGA ACACTAAA 33810 9536 1494 UUUAGUGU G UAUGAAGG 13428 CCTTCATA GGCTAGCTACAACGA ACACTAAA 33811 9544 1486 GUAUGAAG G CGCCGCAG 13429 CTGCGGCG GGCTAGCTACAACGA CTTCATAC 33812 9549 1481 AUGAAGGC G CGCAGGA 13430 TCCTGCGG GGCTAGCTACAACGA GCCTTCAT 33813 9555 1475 CCGCAGGA G UGAUGCUG 13432 CAGCATCA GGCTAGCTACAACGA TCCTGCGG 33814 95773 1457 AUCUCCCU G CUGAGUG 13433 AGATTCAG GGCTAGCTACAACGA ACAGGAT 33816 9579 1451	-					
9504 1526 AGUCCACU G UCACCUCU 13424 AGAGGTGA GGCTAGCACGA AGTGGACT 33806 9526 1504 UUCUCCAA G CUUUAGUG 13425 CACTAAAG GGCTAGCTACAACGA TTGGAGAA 33807 9532 1498 AAGCUUUA G UGUGUAUG 13426 CATACACA GGCTAGCTACAACGA TAAAGCTT 33808 9534 1496 GCUUUAGU G UGUAUGAA 13427 TTCATACA GGCTAGCACACGA ACACTAAA 33810 9536 1494 UUUAGUGU G UAUGAAGG 13428 CCTTCATA GGCTACAACGA ACACTAAA 33810 9544 1486 GUAUGAAG G CGCCGCAG 13429 CTGCGGCG GGCTAGCACACGA CTTCATA 33812 9549 1481 AAGGCGCC G CAGGAGU 13430 TCCTGCGG GGCTAGCACACA GCCTTCAT 33812 9555 1475 CCGCAGGA GUGAUGCU 13431 CACTCCTG GGCTAGCACACA ATCACTCC 33815 9573 1457 AUCUCCCU G CCUGAGUG 13433 AGATTCAG GGCTAGCACACAACAAACAA AGGGAGAT 33816 9579 1451 CUGCCUGA G UGGCUCCA 13434 CACTCAGG GGCTAGCTACAACGA ACAGGATA 33817 9582 <			······································			
9526 1504 UUCUCCAA G CUUUAGUG 13425 CACTAAAG GGCTAGCTACAACGA TTGGAGAA 33807 9532 1498 AAGCUUUA G UGUGUAUG 13426 CATACACA GGCTAGCTACAACGA TAAAGCTT 33808 9534 1496 GCUUUAGU G UGUAUGAA 13427 TTCATACA GGCTAGCTACAACGA ACTAAAGC 33809 9536 1494 UUUAGUGU G UAUGAAGG 13428 CCTTCATA GGCTAGCTACAACGA ACACTAAA 33810 9544 1486 GUAUGAAG G CGCCGCAG 13429 CTGCGGCG GGCTAGCTACAACGA CTTCATAC 33811 9549 1481 AUGAAGGC G CCGCAGGA 13430 TCCTGCGG GGCTAGCTACAACGA GCCTTCAT 33812 9555 1475 CCGCAGGA G UGAUGCU 13431 CACTCCTG GGCTAGCTACAACGA ACCTCCGG 33814 9560 1470 GGAGUGAU G CUGAAUCU 13433 AGATTCAG GGCTAGCTACAACGA ACCACCAACGA ACCACCAACGA ACCACCAACGA ACCACCAACGA GGCTAGCTACAACGA ACCACCAACGA ACCACCAACCAACGA GGCTAGCTACAACGA ACCACCAACGA ACCACCAACCAACGA GGCTAGCTACAACGA ACCACCAACCAACGA ACCACCAACCAACGAACG				-		
9532 1498 AAGCUUUA G UGUGUAUG 13426 CATACACA GGCTAGCTACAACGA TAAAGCTT 33808 9534 1496 GCUUUAGU G UGUAUGAA 13427 TTCATACA GGCTAGCTACAACGA ACTAAAGC 33809 9536 1494 UUUAGUGU G UAUGAAGG 13428 CCTTCATA GGCTAGCTACAACGA ACACTAAA 33810 9544 1486 GUAUGAAG G CGCCGCAG 13429 CTGCGGCG GGCTAGCTACAACGA CTTCATAC 33811 9546 1484 AUGAAGGC G CCGCAGGA 13430 TCCTGCGG GGCTAGCTACAACGA GCCTTCAT 33812 9549 1481 AAGGCGCC G CAGGAGUG 13431 CACTCCTG GGCTAGCTACAACGA GCGCCTTT 33813 9555 1475 CCGCAGGA G UGAUGCUG 13432 CAGCATCA GGCTAGCTACAACGA TCCTCCGG 33814 9560 1470 GGAGUGAU G CUGAAUCU 13433 AGATTCAG GGCTAGCTACAACGA ATCACTCC 33815 9579 1457 AUCUCCCU G CUGAGUG 13434 CACTCAGG GGCTAGCTACAACGA AGGAGAT 33816 9579 1451 CUGCUGA G UGGAGUCA 13435 TGGAGCA GGCTAGCTACAACGA CACTCAGG 33817 9582 1448						
9534 1496 GCUUUAGU G UGUAUGAA 13427 TTCATACA GGCTAGCTACAACGA ACTAAAGC 33809 9536 1494 UUUAGUGU G UAUGAAGG 13428 CCTTCATA GGCTAGCTACAACGA ACACTAAA 33810 9544 1486 GUAUGAAG G CGCCGCAG 13429 CTGCGGCG GGCTAGCTACAACGA CTTCATAC 33811 9546 1484 AUGAAGGC G CCGCAGGA 13430 TCCTGCGG GGCTAGCTACAACGA GCCTTCAT 33812 9549 1481 AAGGCGCC G CAGGAGUG 13431 CACTCCTG GGCTAGCTACAACGA GGCGCCTT 33813 9555 1475 CCGCAGGA G UGAUGCUG 13432 CAGCATCA GGCTAGCTACAACGA TCCTGCGG 33814 9560 1470 GGAGUGAU G CUGAAUCU 13433 AGATTCAG GGCTAGCTACAACGA ATCACTCC 33815 9573 1457 AUCUCCCU G CCUGAGUG 13434 CACTCAGG GGCTAGCTACAACGA AGGAGAT 33816 9579 1451 CUGCCUGA G UGGCUCCA 13435 TGGAGCCA GGCTAGCTACAACGA TCAGGCAG 33817 9582 1448 CCUGAGUG G CUCCAACC 13436 GGTTGGAG GGCTAGCTACAACGA CACTCAGG 33818 9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA ACAGGTTG 33820						
9536 1494 UUUAGUGU G UAUGAAGG 13428 CCTTCATA GGCTAGCTACAACGA ACACTAAA 33810 9544 1486 GUAUGAAG G CGCCGCAG 13429 CTGCGGCG GGCTAGCTACAACGA CTTCATAC 33811 9546 1484 AUGAAGGC G CCGCAGGA 13430 TCCTGCGG GGCTAGCTACAACGA GCCTTCAT 33812 9549 1481 AAGGCGCC G CAGGAGUG 13431 CACTCCTG GGCTAGCTACAACGA GGCGCCTT 33813 9555 1475 CCGCAGGA G UGAUGCUG 13432 CAGCATCA GGCTAGCTACAACGA TCCTGCGG 33814 9560 1470 GGAGUGAU G CUGAAUCU 13433 AGATTCAG GGCTAGCTACAACGA ATCACTCC 33815 9573 1457 AUCUCCCU G CCUGAGUG 13434 CACTCAGG GGCTAGCTACAACGA AGGAGAT 33816 9579 1451 CUGCCUGA G UGGCUCCA 13435 TGGAGCCA GGCTAGCTACAACGA TCAGGCAG 33817 9582 1448 CCUGAGUG G CUCCAACC 13436 GGTTGGAG GGCTAGCTACAACGA CACTCAGG 33818 9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821						
9544 1486 GUAUGAAG G CGCCGCAG 13429 CTGCGGCG GGCTAGCTACAACGA CTTCATAC 33811 9546 1484 AUGAAGGC G CCGCAGGA 13430 TCCTGCGG GGCTAGCTACAACGA GCCTTCAT 33812 9549 1481 AAGGCGCC G CAGGAGUG 13431 CACTCCTG GGCTAGCTACAACGA GGCGCCTT 33813 9555 1475 CCGCAGGA G UGAUGCUG 13432 CAGCATCA GGCTAGCTACAACGA TCCTCGGG 33814 9560 1470 GGAGUGAU G CUGAAUCU 13433 AGATTCAG GGCTAGCTACAACGA ATCACTCC 33815 9573 1457 AUCUCCCU G CCUGAGUG 13434 CACTCAGG GGCTAGCTACAACGA AGGAAT 33816 9579 1451 CUGCCUGA G UGGCUCCA 13435 TGGAGCCA GGCTAGCTACAACGA TCAGGCAG 33817 9582 1448 CCUGAGUG G CUCCAACC 13436 GGTTGGAG GGCTAGCTACAACGA CACTCAGG 33818 9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G	$\overline{}$					-
9546 1484 AUGAAGGC G CCGCAGGA 13430 TCCTGCGG GGCTAGCTACAACGA GCCTTCAT 33812 9549 1481 AAGGCGCC G CAGGAGUG 13431 CACTCCTG GGCTAGCTACAACGA GGCGCCTT 33813 9555 1475 CCGCAGGA G UGAUGCU 13432 CAGCATCA GGCTAGCTACAACGA TCCTGCGG 33814 9560 1470 GGAGUGAU G CUGAAUCU 13433 AGATTCAG GGCTAGCTACAACGA ATCACTCC 33815 9573 1457 AUCUCCCU G CCUGAGUG 13434 CACTCAGG GGCTAGCTACAACGA AGGAAT 33816 9579 1451 CUGCCUGA G UGGCUCCA 13435 TGGAGCCA GGCTAGCTACAACGA TCAGGCAG 33817 9582 1448 CCUGAGUG G CUCCAACC 13436 GGTTGGAG GGCTAGCTACAACGA CACTCAGG 33818 9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821						
9549 1481 AAGGCGCC G CAGGAGUG 13431 CACTCCTG GGCTAGCTACAACGA GGCGCCTT 33813 9555 1475 CCGCAGGA G UGAUGCUG 13432 CAGCATCA GGCTAGCTACAACGA TCCTGCGG 33814 9560 1470 GGAGUGAU G CUGAAUCU 13433 AGATTCAG GGCTAGCTACAACGA ATCACTCC 33815 9573 1457 AUCUCCCU G CCUGAGUG 13434 CACTCAGG GGCTAGCTACAACGA AGGAGTA 33816 9579 1451 CUGCCUGA G UGGCUCCA 13435 TGGAGCCA GGCTAGCTACAACGA TCAGGCAG 33817 9582 1448 CCUGAGUG G CUCCAACC 13436 GGTTGGAG GGCTAGCTACAACGA CACTCAGG 33818 9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821				· · · · · · · · · · · · · · · · · · ·		
9555 1475 CCGCAGGA G UGAUGCUG 13432 CAGCATCA GGCTAGCTACAACGA TCCTGCGG 33814 9560 1470 GGAGUGAU G CUGAAUCU 13433 AGATTCAG GGCTAGCTACAACGA ATCACTCC 33815 9573 1457 AUCUCCCU G CCUGAGUG 13434 CACTCAGG GGCTAGCTACAACGA AGGAGTA 33816 9579 1451 CUGCCUGA G UGGCUCCA 13435 TGGAGCCA GGCTAGCTACAACGA TCAGGCAG 33817 9582 1448 CCUGAGUG G CUCCAACC 13436 GGTTGGAG GGCTAGCTACAACGA CACTCAGG 33818 9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821						
9560 1470 GGAGUGAU G CUGAAUCU 13433 AGATTCAG GGCTAGCTACAACGA ATCACTCC 33815 9573 1457 AUCUCCCU G CCUGAGUG 13434 CACTCAGG GGCTAGCTACAACGA AGGGAGAT 33816 9579 1451 CUGCCUGA G UGGCUCCA 13435 TGGAGCCA GGCTAGCTACAACGA TCAGGCAG 33817 9582 1448 CCUGAGUG G CUCCAACC 13436 GGTTGGAG GGCTAGCTACAACGA CACTCAGG 33818 9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821				-		
9573 1457 AUCUCCCU G CCUGAGUG 13434 CACTCAGG GGCTAGCTACAACGA AGGAGAT 33816 9579 1451 CUGCCUGA G UGGCUCCA 13435 TGGAGCCA GGCTAGCTACAACGA TCAGGCAG 33817 9582 1448 CCUGAGUG G CUCCAACC 13436 GGTTGGAG GGCTAGCTACAACGA CACTCAGG 33818 9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821	-			-		
9579 1451 CUGCCUGA G UGGCUCCA 13435 TGGAGCCA GGCTAGCTACAACGA TCAGGCAG 33817 9582 1448 CCUGAGUG G CUCCAACC 13436 GGTTGGAG GGCTAGCTACAACGA CACTCAGG 33818 9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821						33815
9582 1448 CCUGAGUG G CUCCAACC 13436 GGTTGGAG GGCTAGCTACAACGA CACTCAGG 33818 9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821						33816
9592 1438 UCCAACCU G UGUGGAGU 13437 ACTCCACA GGCTAGCTACAACGA AGGTTGGA 33819 9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821						33817
9594 1436 CAACCUGU G UGGAGUAG 13438 CTACTCCA GGCTAGCTACAACGA ACAGGTTG 33820 9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821				-	'	33818
9599 1431 UGUGUGGA G UAGUUUCC 13439 GGAAACTA GGCTAGCTACAACGA TCCACACA 33821						33819
9602 1429 GUCGACUA C INTROCUES 12400 GUCGACUA GOCIACUA ACCIDANA 33021					CTACTCCA GGCTAGCTACAACGA ACAGGTTG	33820
9602 1428 GUGGAGUA G UUUCCGUG 13440 CACGGAAA GGCTAGCTACAACGA TACTCCAC 33822				13439		33821
	9602	1428	GUGGAGUA G UUUCCGUG	13440	CACGGAAA GGCTAGCTACAACGA TACTCCAC	33822

WO 02/068637	Table XI	PCT/US01/48350

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9608	1422	UAGUUUCC G UGCGACUC	13441	GAGTCGCA GGCTAGCTACAACGA GGAAACTA	33823
9610	1420	GUUUCCGU G CGACUCCA	13442	TGGAGTCG GGCTAGCTACAACGA ACGGAAAC	33824
9621	1409	ACUCCACA G UAGUUGGU	13443	ACCAACTA GGCTAGCTACAACGA TGTGGAGT	33825
9624	1406	CCACAGUA G UUGGUCCA	13444	TGGACCAA GGCTAGCTACAACGA TACTGTGG	33826
9628	1402	AGUAGUUG G UCCAUGGA	13445	TCCATGGA GGCTAGCTACAACGA CAACTACT	33827
9645	1385	CAAAAAUG G CCACUUCG	13446	CGAAGTGG GGCTAGCTACAACGA CATTTTTG	33828
9653	1377	GCCACUUC G UACUUGAU	13447	ATCAAGTA GGCTAGCTACAACGA GAAGTGGC	33829
	1352	UCAAGAUG G UUCUUCCU	13448	AGGAAGAA GGCTAGCTACAACGA CATCTTGA	33830
9678		UUCCUAUU G CCUUGGUA	13449	TACCAAGG GGCTAGCTACAACGA AATAGGAA	33831
9690	1340			CTGCTCTA GGCTAGCTACAACGA CAAGGCAA	33832
9696	1334	UUGCCUUG G UAGAGCAG	13450		
9701	1329	UUGGUAGA G CAGGCAAA	13451	TTTGCCTG GGCTAGCTACAACGA TCTACCAA	33833
9705	1325	UAGAGCAG G CAAAUUUG	13452	CAAATTTG GGCTAGCTACAACGA CTGCTCTA	33834
9714	1316	CAAAUUUG G CGCAUGUG	13453	CACATGCG GGCTAGCTACAACGA CAAATTTG	33835
9716	1314	AAUUUGGC G CAUGUGUC	13454	GACACATG GGCTAGCTACAACGA GCCAAATT	33836
9720	1310	UGGCGCAU G UGUCAAUG	13455	CATTGACA GGCTAGCTACAACGA ATGCGCCA	33837
9722	1308	GCGCAUGU G UCAAUGCU	13456	AGCATTGA GGCTAGCTACAACGA ACATGCGC	33838
9728	1302	GUGUCAAU G CUUCCUUU	13457	AAAGGAAG GGCTAGCTACAACGA ATTGACAC	33839
9737	1293	CUUCCUUU G CCAAAUAA	13458	TTATTTGG GGCTAGCTACAACGA AAAGGAAG	33840
9749	1281	AAUAAUCC G CAGCCGUU	13459	AACGGCTG GGCTAGCTACAACGA GGATTATT	33841
9752	1278	AAUCCGCA G CCGUUGCC	13460	GGCAACGG GGCTAGCTACAACGA TGCGGATT	33842
9755	1275	CCGCAGCC G UUGCCCCA	13461	TGGGGCAA GGCTAGCTACAACGA GGCTGCGG	33843
9758	1272	CAGCCGUU G CCCCAGCC	13462	GGCTGGGG GGCTAGCTACAACGA AACGGCTG	33844
-		UUGCCCCA G CCCCUGUC	13463	GACAGGGG GGCTAGCTACAACGA TGGGGCAA	33845
9764	1266	CAGCCCCU G UCCACCAC	13464	GTGGTGGA GGCTAGCTACAACGA AGGGGCTG	33846
9770	1260			TGTGCAGA GGCTAGCTACAACGA AAGGAGTG	33847
9784	1246	CACUCCUU G UCUGCACA	13465		33848
9788	1242	CCUUGUCU G CACACAAA	13466	TTTGTGTG GGCTAGCTACAACGA AGACAAGG	
9798	1232	ACACAAAA G CUGGGUCA	13467	TGACCCAG GGCTAGCTACAACGA TTTTGTGT	33849
9803	1227	AAAGCUGG G UCAGCACG	13468	CGTGCTGA GGCTAGCTACAACGA CCAGCTTT	33850
9807	1223	CUGGGUCA G CACGUUUG	13469	CAAACGTG GGCTAGCTACAACGA TGACCCAG	33851
9811	1219	GUCAGCAC G UUUGUCAU	13470	ATGACAAA GGCTAGCTACAACGA GTGCTGAC	33852
9815	1215	GCACGUUU G UCAUUGUG	13471	CACAATGA GGCTAGCTACAACGA AAACGTGC	33853
9821	1209	UUGUCAUU G UGAGCUUC	13472	GAAGCTCA GGCTAGCTACAACGA AATGACAA	33854
9825	1205	CAUUGUGA G CUUCUCCC	13473	GGGAGAAG GGCTAGCTACAACGA TCACAATG	33855
9837	1193	CUCCCAUG G UCGGGCAC	13474	GTGCCCGA GGCTAGCTACAACGA CATGGGAG	33856
9842	1188	AUGGUCGG G CACGCAGC	13475	GCTGCGTG GGCTAGCTACAACGA CCGACCAT	33857
9846	1184	UCGGGCAC G CAGCUUUG	13476	CAAAGCTG GGCTAGCTACAACGA GTGCCCGA	33858
9849	1181	GGCACGCA G CUUUGGUG	13477	CACCAAAG GGCTAGCTACAACGA TGCGTGCC	33859
9855	1175	CAGCUUUG G UGGAGAGA	13478	TCTCTCCA GGCTAGCTACAACGA CAAAGCTG	33860
9866	1164	GAGAGAUC G CUGACGGU	13479	ACCGTCAG GGCTAGCTACAACGA GATCTCTC	33861
9873	1157	CGCUGACG G UAGCCAAA	13480	TTTGGCTA GGCTAGCTACAACGA CGTCAGCG	33862
9876	1154	UGACGGUA G CCAAAUAG	13481	CTATTTGG GGCTAGCTACAACGA TACCGTCA	33863
9884	1146	GCCAAAUA G CAAUAACU	13482		33864
		CAAUAACU G CGGACCUC	13483		33865
9893	1137		 		33866
9903	1127	GGACCUCU G CCAGGUUG	13484		33867
9908	1122	UCUGCCAG G UUGACCGC	13485		
9915	1115	GGUUGACC G CCUCCAUA	13486		33868
9945	1085	CAUCGAUG G UAGGCUUG	13487		33869
9949	1081	GAUGGUAG G CUUGUCCU	13488	AGGACAAG GGCTAGCTACAACGA CTACCATC	33870
9953	1077	GUAGGCUU G UCCUUAGA	13489		33871
9969	1061	ACAUGAUA G UCACGCAG	13490	CTGCGTGA GGCTAGCTACAACGA TATCATGT	33872
9974	1056	AUAGUCAC G CAGCUGUC	13491	GACAGCTG GGCTAGCTACAACGA GTGACTAT	33873
9977	1053	GUCACGCA G CUGUCGCC	13492	GGCGACAG GGCTAGCTACAACGA TGCGTGAC	33874
9980	1050	ACGCAGCU G UCGCCUUC	13493	GAAGGCGA GGCTAGCTACAACGA AGCTGCGT	33875
9983	1047	CAGCUGUC G CCUUCGAG	13494	CTCGAAGG GGCTAGCTACAACGA GACAGCTG	33876
10008	1022	CCACCCAU G UUGCUCCA	13495	TGGAGCAA GGCTAGCTACAACGA ATGGGTGG	33877
10011	1019	CCCAUGUU G CUCCAGAC	13496	GTCTGGAG GGCTAGCTACAACGA AACATGGG	33878
10034	996	UCCAAGAA G UCUCUGUU	13497		33879
10040	990	AAGUCUCU G UUGCUCAU	13498		33880
10043	987	UCUCUGUU G CUCAUUCC	13499		33881
10055	975	AUUCCAAG G CAGUUGAA	13500		33882
10058	972	CCAAGGCA G UUGAAGCU	13501		33883
10064	966	CAGUUGAA G CUGUAAGC	13502		33884
		UUGAAGCU G UAAGCUGG			
10067	963	JUGANGCU G UAAGCUGG	13503	CCAGCTTA GGCTAGCTACAACGA AGCTTCAA	33885

***) 02/06863/		14010 70	PC1/USU1/4833U	
10071	959	AGCUGUAA G CUGGGGCC	13504	GGCCCCAG GGCTAGCTACAACGA TTACAGCT	33886
10077	953	AAGCUGGG G CCACCAAA	13505	TTTGGTGG GGCTAGCTACAACGA CCCAGCTT	33887
10087	943	CACCAAAA G CAAUAGCA	13506	TGCTATTG GGCTAGCTACAACGA TTTTGGTG	33888
10093	937	AAGCAAUA G CACGACAA	13507	TTGTCGTG GGCTAGCTACAACGA TATTGCTT	33889
10114	916	AACUCUCU G CAUGGUGU	13508	ACACCATG GGCTAGCTACAACGA AGAGAGTT	33890
		UCUGCAUG G UGUUGCUC	13509	GAGCAACA GGCTAGCTACAACGA CATGCAGA	33891
10119	911	UGCAUGGU G UUGCUCCC	13510	GGGAGCAA GGCTAGCTACAACGA ACCATGCA	33892
10121	909	<u> </u>		CTTGGGAG GGCTAGCTACAACGA AACACCAT	
10124	906	AUGGUGUU G CUCCCAAG	13511		33893
10132	898	GCUCCCAA G CAUCCAAC	13512	GTTGGATG GGCTAGCTACAACGA TTGGGAGC	33894
10149	881	CAAUGACG G CUGCCACC	13513	GGTGGCAG GGCTAGCTACAACGA CGTCATTG	33895
10152	878	UGACGGCU G CCACCAGG	13514	CCTGGTGG GGCTAGCTACAACGA AGCCGTCA	33896
10161	869	CCACCAGG G CAUAUCCA	13515	TGGATATG GGCTAGCTACAACGA CCTGGTGG	33897
10172	858	UAUCCAGG G UUCCUCAA	13516	TTGAGGAA GGCTAGCTACAACGA CCTGGATA	33898
10194	836	AUGAUUCU G UUUUUACC	13517	GGTAAAAA GGCTAGCTACAACGA AGAATCAT	33899
10212	818	AAUACCUU G UGGCCUUG	13518	CAAGGCCA GGCTAGCTACAACGA AAGGTATT	33900
10215	815	ACCUUGUG G CCUUGGUG	13519	CACCAAGG GGCTAGCTACAACGA CACAAGGT	33901
10221	809	UGGCCUUG G UGCUGUCC	13520	GGACAGCA GGCTAGCTACAACGA CAAGGCCA	33902
10223	807	GCCUUGGU G CUGUCCAU	13521	ATGGACAG GGCTAGCTACAACGA ACCAAGGC	33903
10226	804	UUGGUGCU G UCCAUCCA	13522	TGGATGGA GGCTAGCTACAACGA AGCACCAA	33904
10236	794	CCAUCCAA G CCCCCUUC	13523	GAAGGGG GGCTAGCTACAACGA TTGGATGG	33905
10247	783	CCCUUCUU G UUCGCUAG	13524	CTAGCGAA GGCTAGCTACAACGA AAGAAGGG	33906
10251	779	UCUUGUUC G CUAGAGUG	13525	CACTCTAG GGCTAGCTACAACGA GAACAAGA	33907
10257	773	UCGCUAGA G UGCUUUCU	13526	AGAAAGCA GGCTAGCTACAACGA TCTAGCGA	33908
10259	771	GCUAGAGU G CUUUCUCC	13527	GGAGAAAG GGCTAGCTACAACGA ACTCTAGC	33909
10268	762	CUUUCUCC G UGUGUCUG	13528	CAGACACA GGCTAGCTACAACGA GGAGAAAG	33910
10270	760	UUCUCCGU G UGUCUGCA	13529	TGCAGACA GGCTAGCTACAACGA ACGGAGAA	33911
10272	758	CUCCGUGU G UCUGCACU	13530	AGTGCAGA GGCTAGCTACAACGA ACACGGAG	33912
10276	754	GUGUGUCU G CACUGUCA	13531	TGACAGTG GGCTAGCTACAACGA AGACACAC	33913
10281	749	UCUGCACU G UCAGUGAC	13532	GTCACTGA GGCTAGCTACAACGA AGTGCAGA	33914
10285	745	CACUGUCA G UGACCUCC	13533	GGAGGTCA GGCTAGCTACAACGA TGACAGTG	33915
10298	732	CUCCGACU G CGUCUUGA	13534	TCAAGACG GGCTAGCTACAACGA AGTCGGAG	33916
10300	730	CCGACUGC G UCUUGAGU	13535	ACTCAAGA GGCTAGCTACAACGA GCAGTCGG	33917
10307	723	CGUCUUGA G UGGCGUGU	13536	ACACGCCA GGCTAGCTACAACGA TCAAGACG	33918
10310	720	CUUGAGUG G CGUGUCUU	13537	AAGACACG GGCTAGCTACAACGA CACTCAAG	33919
10312	718	UGAGUGGC G UGUCUUGG	13538	CCAAGACA GGCTAGCTACAACGA GCCACTCA	33920
10314	716	AGUGGCGU G UCUUGGUG	13539	CACCAAGA GGCTAGCTACAACGA ACGCCACT	33921
10320	710	GUGUCUUG G UGCAUCUU	13540	AAGATGCA GGCTAGCTACAACGA CAAGACAC	33922
10322	708	GUCUUGGU G CAUCUUCC	13541	GGAAGATG GGCTAGCTACAACGA ACCAAGAC	33923
10340	690	UACCUGAC G UAGACUGC	13542	GCAGTCTA GGCTAGCTACAACGA GTCAGGTA	33924
10347	683	CGUAGACU G CUGACUUU	13543	AAAGTCAG GGCTAGCTACAACGA AGTCTACG	33925
10356	674	CUGACUUU G UGCACCAA	13544	TTGGTGCA GGCTAGCTACAACGA AAAGTCAG	33926
10358	672	GACUUUGU G CACCAACA	13545	TGTTGGTG GGCTAGCTACAACGA ACAAAGTC	33927
10367	663	CACCAACA G UCGAUGUC	13546	GACATCGA GGCTAGCTACAACGA TGTTGGTG	33928
10373	657	CAGUCGAU G UCUUCUGG	13547	CCAGAAGA GGCTAGCTACAACGA ATCGACTG	33929
10392	638	CAUUACCA G CCGACAGC	13548	GCTGTCGG GGCTAGCTACAACGA TGGTAATG	33930
10399	631	AGCCGACA G CACUGGGC	13549	GCCCAGTG GGCTAGCTACAACGA TGTCGGCT	33931
10406	624	AGCACUGG G CAUUCAUA	13550	TATGAATG GGCTAGCTACAACGA CCAGTGCT	33932
10416	614	AUUCAUAA G UGAUAGUA	13551	TACTATCA GGCTAGCTACAACGA TTATGAAT	33933
10422	608	AAGUGAUA G UAUCAUCG	13552	CGATGATA GGCTAGCTACAACGA TATCACTT	33934
10430	600	GUAUCAUC G CACAUGUA	13553	TACATGTG GGCTAGCTACAACGA GATGATAC	33935
10436	594	UCGCACAU G UAUCCCAC	13554	GTGGGATA GGCTAGCTACAACGA ATGTGCGA	33936
10452	578	CAUCCAUU G CUCUGACA	13555	TGTCAGAG GGCTAGCTACAACGA AATGGATG	33937
10463	567	CUGACAAU G CAUAGGUU	13556	AACCTATG GGCTAGCTACAACGA ATTGTCAG	33938
10469	561	AUGCAUAG G UUCUUUCC	13557	GGAAAGAA GGCTAGCTACAACGA CTATGCAT	33939
10479	551	UCUUUCCA G CAGCUGUU	13558	AACAGCTG GGCTAGCTACAACGA TGGAAAGA	33940
10482	548	UUCCAGCA G CUGUUGGA	13559	TCCAACAG GGCTAGCTACAACGA TGCTGGAA	33941
10485	545	CAGCAGCU G UUGGAAUC	13560	GATTCCAA GGCTAGCTACAACGA AGCTGCTG	33942
10494	536	UUGGAAUC G UGAUGACA	13561	TGTCATCA GGCTAGCTACAACGA GATTCCAA	33943
10506	524	UGACAUCU G UGACGUCA	13562	TGACGTCA GGCTAGCTACAACGA AGATGTCA	33944
10511	519	UCUGUGAC G UCAGUAGC	13563	GCTACTGA GGCTAGCTACAACGA GTCACAGA	33945
10515	515	UGACGUCA G UAGCAUUU	13564	AAATGCTA GGCTAGCTACAACGA TGACGTCA	33945
10518	512	CGUCAGUA G CAUUUACC	13565	GGTAAATG GGCTAGCTACAACGA TACTGACG	33947
10527	503	CAUUUACC G UCAUCAUC	13566	GATGATGA GGCTAGCTACAACGA TACTGACG	33947
	555		12200	GUITALIEN GOCTAGCTACAACGA GOTAAATG	33948

					22010
10550	480	CCUUGGAA G UUAGAGAG	13567	CTCTCTAA GGCTAGCTACAACGA TTCCAAGG	33949
10560	470	UAGAGAGG G UAACUGCU	13568	AGCAGTTA GGCTAGCTACAACGA CCTCTCTA	33950
10566	464	GGGUAACU G CUCCUACG	13569	CGTAGGAG GGCTAGCTACAACGA AGTTACCC	33951
10574	456	GCUCCUAC G CUGGCGAU	13570	ATCGCCAG GGCTAGCTACAACGA GTAGGAGC	33952
10578	452	CUACGCUG G CGAUCAGG	13571	CCTGATCG GGCTAGCTACAACGA CAGCGTAG	33953
10586	444	GCGAUCAG G CCAAUCAU	13572	ATGATTGG GGCTAGCTACAACGA CTGATCGC	33954
10599	431	UCAUGACU G CAAUUCCG	13573	CGGAATTG GGCTAGCTACAACGA AGTCATGA	33955
10608	422	CAAUUCCG G UCUUUCCU	13574	AGGAAAGA GGCTAGCTACAACGA CGGAATTG	33956
10630	400	UUUCUUUU G UUUUGAGC	13575	GCTCAAAA GGCTAGCTACAACGA AAAAGAAA	33957
10637	393	UGUUUUGA G CUCCGCCG	13576	CGGCGGAG GGCTAGCTACAACGA TCAAAACA	33958
10642	388	UGAGCUCC G CCGAUUGA	13577	TCAATCGG GGCTAGCTACAACGA GGAGCTCA	33959
10653	377	GAUUGAUA G CACUGGUC	13578	GACCAGTG GGCTAGCTACAACGA TATCAATC	33960
10659	371	UAGCACUG G UCAAGGUC	13579	GACCTTGA GGCTAGCTACAACGA CAGTGCTA	33961
10665	365	UGGUCAAG G UCCCUAGU	13580	ACTAGGGA GGCTAGCTACAACGA CTTGACCA	33962
10672	358	GGUCCCUA G UUCCUUCU	13581	AGAAGGAA GGCTAGCTACAACGA TAGGGACC	33963
		CUCAGAAG G UGUUUCAU	13582	ATGAAACA GGCTAGCTACAACGA CTTCTGAG	33964
10694	336		13582	CGATGAAA GGCTAGCTACAACGA ACCTTCTG	33965
10696	334	CAGAAGGU G UUUCAUCG		ACAAACAG GGCTAGCTACAACGA ACCTTCTG ACAAACAG GGCTAGCTACAACGA GATGAAAC	33966
10704	326	GUUUCAUC G CUGUUUGU	13584		
10707	323	UCAUCGCU G UUUGUUUG	13585	CAAACAAA GGCTAGCTACAACGA AGCGATGA	33967
10711	319	CGCUGUUU G UUUGUUCA	13586	TGAACAAA GGCTAGCTACAACGA AAACAGCG	33968
10715	315	GUUUGUUU G UUCACACC	13587	GGTGTGAA GGCTAGCTACAACGA AAACAAAC	33969
10738	292	UCGAUCCA G CACUGCUC	13588	GAGCAGTG GGCTAGCTACAACGA TGGATCGA	33970
10743	287	CCAGCACU G CUCGGGUC	13589	GACCCGAG GGCTAGCTACAACGA AGTGCTGG	33971
10749	281	CUGCUCGG G UCGGAGCA	13590	TGCTCCGA GGCTAGCTACAACGA CCGAGCAG	33972
10755	275	GGGUCGGA G CAAUUGCU	13591	AGCAATTG GGCTAGCTACAACGA TCCGACCC	33973
10761	269	GAGCAAUU G CUGUGAAC	13592	GTTCACAG GGCTAGCTACAACGA AATTGCTC	33974
10764	266	CAAUUGCU G UGAACCUG	13593	CAGGTTCA GGCTAGCTACAACGA AGCAATTG	33975
10779	251	UGAAGAAC G CCAAGAGA	13594	TCTCTTGG GGCTAGCTACAACGA GTTCTTCA	33976
10788	242	CCAAGAGA G CCAACACA	13595	TGTGTTGG GGCTAGCTACAACGA TCTCTTGG	33977
10801	229	CACAAAUC G UAUUGGCC	13596	GGCCAATA GGCTAGCTACAACGA GATTTGTG	33978
10807	223	UCGUAUUG G CCCCUUGC	13597	GCAAGGGG GGCTAGCTACAACGA CAATACGA	33979
10814	216	GGCCCCUU G CCGUCGAU	13598	ATCGACGG GGCTAGCTACAACGA AAGGGGCC	33980
10817	213	CCCUUGCC G UCGAUCAG	13599	CTGATCGA GGCTAGCTACAACGA GGCAAGGG	33981
10826	204	UCGAUCAG G CUCAACAU	13600	ATGTTGAG GGCTAGCTACAACGA CTGATCGA	33982
10836	194	UCAACAUA G CCCUCUUC	13601	GAAGAGGG GGCTAGCTACAACGA TATGTTGA	33983
10846	184	CCUCUUCA G UCCAAUCA	13602	TGATTGGA GGCTAGCTACAACGA TGAAGAGG	33984
10865	165	GACAACAC G CGGGGCAU	13603	ATGCCCCG GGCTAGCTACAACGA GTGTTGTC	33985
10870	160	CACGCGGG G CAUUCCGC	13604	GCGGAATG GGCTAGCTACAACGA CCCGCGTG	33986
10877	153	GGCAUUCC G CGUUUUAG	13605	CTAAAACG GGCTAGCTACAACGA GGAATGCC	33987
10877		CAUUCCGC G UUUUAGCA	13606	TGCTAAAA GGCTAGCTACAACGA GCGGAATG	33988
	151	GCGUUUUA G CAUAUUGA	13607	TCAATATG GGCTAGCTACAACGA TAAAACGC	33989
10885	145	UAUUGACA G CCCGGCUC			33999
10896	134		13608		
10901	129	ACAGCCCG G CUCUUGCC	13609		33991
10907	123	CGGCUCUU G CCGGGCCC	13610		33992
10912	118	CUUGCCGG G CCCUCCUG	13611	CAGGAGGG GGCTAGCTACAACGA CCGGCAAG	33993
10921	109	CCCUCCUG G UUUCUUAG	13612		33994
10944	86	AGAUCUUC G UGCUAAGA	13613		33995
10946	84	AUCUUCGU G CUAAGAAA	13614	l	33996
10957	73	AAGAAACA G CUCGCACU	13615	AGTGCGAG GGCTAGCTACAACGA TGTTTCTT	33997
10961	69	AACAGCUC G CACUGUGU	13616		33998
10966	64	CUCGCACU G UGUUAAUU	13617		33999
10968	62	CGCACUGU G UUAAUUGU	13618		34000
10975	55	UGUUAAUU G UUGUUAAU	13619	ATTAACAA GGCTAGCTACAACGA AATTAACA	34001
10978	52	UAAUUGUU G UUAAUCCU	13620	AGGATTAA GGCTAGCTACAACGA AACAATTA	34002
11002	28	ACUACUAA G UUUGUCAG	13621	CTGACAAA GGCTAGCTACAACGA TTAGTAGT	34003
11006	24	CUAAGUUU G UCAGCUCA	13622	TGAGCTGA GGCTAGCTACAACGA AAACTTAG	34004
11010	20	GUUUGUCA G CUCACACA	13623		34005
11020	10	UCACACAG G CGAACUAC	13624		34006
76	10954	AGCAGAAG A UCUCCUAG	13625		34007
101	10929	AGGUGUCA A UAUGCUGU	13626	ACAGCATA GGCTAGCTACAACGA TGACACCT	34008
146	10884	CUCCACUA A CCUCUAGU	13627	ACTAGAGG GGCTAGCTACAACGA TAGTGGAG	34009
165	10865	UUCCCCUG A CCUACAGC	13628	GCTGTAGG GGCTAGCTACAACGA CAGGGGAA	34010
202	10828	CACUUUAA A CCGCGGGG			34011
202	10020	CACOUDAR A CCGCGGGG	13629	CCCCCCC GCTAGCTACAACGA TTAAAGTG	34011

220	10810	CUCCUCUA A CCUCUAGU	13630	ACTAGAGG GGCTAGCTACAACGA TAGAGGAG	34012
245	10785	CCUGGUUA A CACCAUUA	13631	TAATGGTG GGCTAGCTACAACGA TAACCAGG	34013
295	10735	CUUUGUUA A CCCAGUCC	13632	GGACTGGG GGCTAGCTACAACGA TAACAAAG	34014
323	10707	UAUCGCAG A CUGCACUC	13633	GAGTGCAG GGCTAGCTACAACGA CTGCGATA	34015
363	10667	GUGGUCUG A CAUUGGGC	13634	GCCCAATG GGCTAGCTACAACGA CAGACCAC	34016
384	10646	AAGUUACA A CAUGUGGG	13635	CCCACATG GGCTAGCTACAACGA TGTAACTT	34017
407	10623	CUUCCGAG A CGGUUCUG	13636	CAGAACCG GGCTAGCTACAACGA CTCGGAAG	34018
429	10601	UUACAUGG A UCACUUCG	13637	CGAAGTGA GGCTAGCTACAACGA CCATGTAA	34019
494	10536	UCUACUCA A CUUCCGGU	13638	ACCGGAAG GGCTAGCTACAACGA TGAGTAGA	34020
510	10520	UGGCGGGA A CUUCCCGG	13639	CCGGGAAG GGCTAGCTACAACGA TCCCGCCA	34021
523	10507	CCGGCCUG A CUUUCUCC	13640	GGAGAAAG GGCTAGCTACAACGA CAGGCCGG	
					34022
537	10493	UCCUCAAA A UUUUCUUA	13641	TAAGAAAA GGCTAGCTACAACGA TTTGAGGA	34023
546	10484	UUUUCUUA A CUAUUUAC	13642	GTAAATAG GGCTAGCTACAACGA TAAGAAAA	34024
559	10471	UUACACUA A CACCACUA	13643	TAGTGGTG GGCTAGCTACAACGA TAGTGTAA	34025
569	10461	ACCACUAA A UACUACUA	13644	TAGTAGTA GGCTAGCTACAACGA TTAGTGGT	34026
582	10448	ACUAUAAA A CUACACUU	13645	AAGTGTAG GGCTAGCTACAACGA TTTATAGT	34027
619	10411	UAUUUACA A UUGAUUAA	13646	TTAATCAA GGCTAGCTACAACGA TGTAAATA	34028
623	10407	UACAAUUG A UUAAAUAU	13647	ATATTTAA GGCTAGCTACAACGA CAATTGTA	34029
628	10402	UUGAUUAA A UAUCUACA	13648	TGTAGATA GGCTAGCTACAACGA TTAATCAA	34030
651	10379	UGUCCUCA A CCAAAGUU	13649	AACTTTGG GGCTAGCTACAACGA TGAGGACA	34031
683	10347	UUUAGUGA A CUCAUGUA	13650	TACATGAG GGCTAGCTACAACGA TCACTAAA	34032
692	10338	CUCAUGUA A UCCACAUA	13651	TATGTGGA GGCTAGCTACAACGA TACATGAG	34033
714	10316	CAUCUCCG A UGAUUGCU	13652	AGCAATCA GGCTAGCTACAACGA CGGAGATG	34034
717	10313	CUCCGAUG A UUGCUCUG	13653	CAGAGCAA GGCTAGCTACAACGA CATCGGAG	34035
726	10304	UUGCUCUG A CUUGGUUG	13654	CAACCAAG GGCTAGCTACAACGA CAGAGCAA	
735	10295	CUUGGUUG A UAGCCACC	13655	GGTGGCTA GGCTAGCTACAACGA CAACCAAG	34036
747	10283	CCACCUGG A UGUUUUCU	13656	The same of the sa	34037
783	ļ			AGAAAACA GGCTAGCTACAACGA CCAGGTGG	3403B
	10247	UUGUGCCA A UCAGGCUG	13657	CAGCCTGA GGCTAGCTACAACGA TGGCACAA	34039
801	10229	CACACCAG A UGUCCUCU	13658	AGAGGACA GGCTAGCTACAACGA CTGGTGTG	34040
821	10209	UUUCCUGA A UAUGGGAC	13659	GTCCCATA GGCTAGCTACAACGA TCAGGAAA	34041
828	10202	AAUAUGGG A CGUCACUC	13660	GAGTGACG GGCTAGCTACAACGA CCCATATT	34042
888	10142	CUAUCCAA A CACGGUUC	13661	GAACCGTG GGCTAGCTACAACGA TTGGATAG	34043
900	10130	GGUUCCAG A CCUCCAAC	13662	GTTGGAGG GGCTAGCTACAACGA CTGGAACC	34044
907	10123	GACCUCCA A CAUGUCCU	13663	AGGACATG GGCTAGCTACAACGA TGGAGGTC	34045
945	10085	CUGCAUGG A UGGACCAC	13664	GTGGTCCA GGCTAGCTACAACGA CCATGCAG	34046
949	10081	AUGGAUGG A CCACGUGG	13665	CCACGTGG GGCTAGCTACAACGA CCATCCAT	34047
972	10058	CGGUAGGG A CCCAAUUC	13666	GAATTGGG GGCTAGCTACAACGA CCCTACCG	34048
977	10053	GGGACCCA A UUCACAGG	13667	CCTGTGAA GGCTAGCTACAACGA TGGGTCCC	34049
987	10043	UCACAGGG A CAGCGGAG	13668	CTCCGCTG GGCTAGCTACAACGA CCCTGTGA	34050
999	10031	CGGAGCAA A UGGCGUUG	13669	CAACGCCA GGCTAGCTACAACGA TTGCTCCG	34051
1066	9964	GGCAUAAG A CUUAGCCA	13670	TGGCTAAG GGCTAGCTACAACGA CTTATGCC	34052
1076	9954	UUAGCCAG A CAAGCAGU	13671	ACTGCTTG GGCTAGCTACAACGA CTGGCTAA	34053
1092	9938	UGUCGCGG A CGUUCCAU	13672	ATGGAACG GGCTAGCTACAACGA CCGCGACA	34054
1114	9916	CCCUGGAG A UAUGCGAG	13673	CTCGCATA GGCTAGCTACAACGA CTCCAGGG	
1135	9895	GCCUACCA A UUCAUCCU			34055
1158	9872	GGCAUGGA A CCACCAGU	13674	AGGATGAA GGCTAGCTACAACGA TGGTAGGC	34056
1185	9845	CUUUCAUG A UCAAUUCA	13675	ACTGGTGG GGCTAGCTACAACGA TCCATGCC	34057
			13676	TGAATTGA GGCTAGCTACAACGA CATGAAAG	34058
1189	9841	CAUGAUCA A UUCAGUGA	13677	TCACTGAA GGCTAGCTACAACGA TGATCATG	34059
1199	9831	UCAGUGAA A UGGUUUGA	13678	TCAAACCA GGCTAGCTACAACGA TTCACTGA	34060
1213	9817	UGAGCAAA A UGGAACCU	13679	AGGTTCCA GGCTAGCTACAACGA TTTGCTCA	34061
1218	9812	AAAAUGGA A CCUGCUGC	13680	GCAGCAGG GGCTAGCTACAACGA TCCATTTT	34062
1229	9801	UGCUGCCA A UCAUACCA	13681	TGGTATGA GGCTAGCTACAACGA TGGCAGCA	34063
1246	9784	UCCAGUUG A CGGUUUCC	13682	GGAAACCG GGCTAGCTACAACGA CAACTGGA	34064
1263	9767	ACUCUUGG A UGUCUUUG	13683	CAAAGACA GGCTAGCTACAACGA CCAAGAGT	34065
1275	9755	CUUUGCGA A CCUUUGAC	13684	GTCAAAGG GGCTAGCTACAACGA TCGCAAAG	34066
1282	9748	AACCUUUG A CAUAGCAU	13685	ATGCTATG GGCTAGCTACAACGA CAAAGGTT	34067
1319	9711	GCAAAGCG A UCGUCCAG	13686	CTGGACGA GGCTAGCTACAACGA CGCTTTGC	34068
1356	9674	CUCCACUG A CAGCCAUG	13687	CATGGCTG GGCTAGCTACAACGA CAGTGGAG	34069
1393	9637	AUUCUCAA A CAGCCAGG	13688	CCTGGCTG GGCTAGCTACAACGA TTGAGAAT	34070
1407	9623	AGGUCCUG A CUUUGGGU	13689	ACCCAAAG GGCTAGCTACAACGA CAGGACCT	
1455	9575	CUGGGCCA A UCACUCCU	13690	AGGAGTGA GGCTAGCTACAACGA TGGCCCAG	34071
1491	9539	CCAGCUGG A CGGCCAGG	13691	CCTGGCCG GGCTAGCTACAACGA TGGCCCAG	34072
1527	9503	CGUAGGUG A CAACUUGU			34073
		CONCOUC A CAACOUGU	13692	ACAAGTTG GGCTAGCTACAACGA CACCTACG	34074

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	02/000057		12602	TGGACAAG GGCTAGCTACAACGA TGTCACCT	34075
1530	9500	AGGUGACA A CUUGUCCA	13693	AGAGAAG GGCTAGCTACAACGA TGTCACCT	34076
1550	9480	CCCCUCUG A UCUUCUCU	13694		34077
1563	9467	CUCUGGAG A UAACAUCC	13695	GGATGTTA GGCTAGCTACAACGA CTCCAGAG	
1566	9464	UGGAGAUA A CAUCCAUG	13696	CATGGATG GGCTAGCTACAACGA TATCTCCA	34078
1575	9455	CAUCCAUG A CGGUUCUU	13697	AAGAACCG GGCTAGCTACAACGA CATGGATG	34079
1614	9416	CUUUCACA A CUUUGUGA	13698	TCACAAAG GGCTAGCTACAACGA TGTGAAAG	34080
1622	9408	ACUUUGUG A CGAUAGGU	13699	ACCTATCG GGCTAGCTACAACGA CACAAAGT	34081
1625	9405	UUGUGACG A UAGGUGAG	13700	CTCACCTA GGCTAGCTACAACGA CGTCACAA	34082
1638	9392	UGAGCUCA A UGAUGGCC	13701	GGCCATCA GGCTAGCTACAACGA TGAGCTCA	34083
1641	9389	GCUCAAUG A UGGCCCUG	13702	CAGGGCCA GGCTAGCTACAACGA CATTGAGC	34084
1655	9375	CUGGCAAG A CGCCGAUG	13703	CATCGGCG GGCTAGCTACAACGA CTTGCCAG	34085
1661	9369	AGACGCCG A UGUUCCCC	13704	GGGGAACA GGCTAGCTACAACGA CGGCGTCT	34086
1719	9311	CUCUCGUG A UGCGGGUG	13705	CACCCGCA GGCTAGCTACAACGA CACGAGAG	34087
1755	9275	CAGCAUAG A UCUUGCCC	13706	GGGCAAGA GGCTAGCTACAACGA CTATGCTG	34088
	9251	GGGUGCCA A CUUCACGC	13707	GCGTGAAG GGCTAGCTACAACGA TGGCACCC	34089
1779		CACGCAGG A UGUAACCC	13708	GGGTTACA GGCTAGCTACAACGA CCTGCGTG	34090
1791	9239		13709	AAACTGGG GGCTAGCTACAACGA TACATCCT	34091
1796	9234	AGGAUGUA A CCCAGUUU		AGGAGGTG GGCTAGCTACAACGA CGAGGGCT	34092
1824	9206	AGCCCUCG A CACCUCCU	13710		
1874	9156	UUGAGAAA A CCCAGAGC	13711	GCTCTGGG GGCTAGCTACAACGA TTTCTCAA	34093
1888	9142	AGCCUCGA A CUCCAGAA	13712	TTCTGGAG GGCTAGCTACAACGA TCGAGGCT	34094
1918	9112	CCACAUGA A CCAAAUGG	13713	CCATTTGG GGCTAGCTACAACGA TCATGTGG	34095
1923	9107	UGAACCAA A UGGCUCUG	13714	CAGAGCCA GGCTAGCTACAACGA TTGGTTCA	34096
1951	9079	CUUUCCGA A CUCUCCGG	13715	CCGGAGAG GGCTAGCTACAACGA TCGGAAAG	·34097
1992	9038	UGUUGUAA A UGCAAGUG	13716	CACTTGCA GGCTAGCTACAACGA TTACAACA	34098
2003	9027	CAAGUGUG A CAUUCCCC	13717	GGGGAATG GGCTAGCTACAACGA CACACTTG	34099
2018	9012	CCCCGCAG A UGUGCCUC	13718	GAGGCACA GGCTAGCTACAACGA CTGCGGGG	34100
2053	8977	CUCCCAAA A UUUUGGAU	13719	ATCCAAAA GGCTAGCTACAACGA TTTGGGAG	34101
2060	8970	AAUUUUGG A UCUUCAAC	13720	GTTGAAGA GGCTAGCTACAACGA CCAAAATT	34102
2067	8963	GAUCUUCA A CUGCUUCU	13721	AGAAGCAG GGCTAGCTACAACGA TGAAGATC	34103
	8937	CUCCAUUG A UUCUGCUC	13722	GAGCAGAA GGCTAGCTACAACGA CAATGGAG	34104
2093		CUCUUCAA A CAUGGCAC	13723	GTGCCATG GGCTAGCTACAACGA TTGAAGAG	34105
2107	8923	UGCUGUUG A CCUUUCUU	13724	AAGAAAGG GGCTAGCTACAACGA CAACAGCA	34106
2136	8894	1		GAGAGGAA GGCTAGCTACAACGA TCATAAGA	34107
2149	8881	UCUUAUGA A UUCCUCUC	13725	GAAAAACG GGCTAGCTACAACGA CCCAGAAT	34108
2174	8856	AUUCUGGG A CGUUUUUC	13726		34109
2194	8836	GGCCAAAA A CGCCCACA	13727	TGTGGGCG GGCTAGCTACAACGA TTTTGGCC	
2203	8827	CGCCCACA A CCAGUUGG	13728	CCAACTGG GGCTAGCTACAACGA TGTGGGCG	34110
2281	8749	CUCUUUGA A CACUCGCU	13729	AGCGAGTG GGCTAGCTACAACGA TCAAAGAG	34111
2331	8699	UGGUGGUA A CAUUCGUG	13730	CACGAATG GGCTAGCTACAACGA TACCACCA	34112
2340	8690	CAUUCGUG A UGGUGUCC	13731	GGACACCA GGCTAGCTACAACGA CACGAATG	34113
2370	8660	GGAGCCUG A CCACUCCA	13732	TGGAGTGG GGCTAGCTACAACGA CAGGCTCC	34114
2382	8648	CUCCAUUG A CCAGCGAA	13733	TTCGCTGG GGCTAGCTACAACGA CAATGGAG	34115
2390	8640	ACCAGCGA A CUGGCGGA	13734	TCCGCCAG GGCTAGCTACAACGA TCGCTGGT	34116
2420	8610	ACAUCAUA A CUGCCGUG	13735	CACGGCAG GGCTAGCTACAACGA TATGATGT	34117
2429	8601	CUGCCGUG A UAGUUCCA	13736	TGGAACTA GGCTAGCTACAACGA CACGGCAG	34118
2477	8553	CACGUCGA A CUGUACUC	13737		34119
2502	8528	GUCGUUCA A UCCUGUUC	13738		34120
	8516	UGUUCUUG A UUUUACUG	13739		34121
2514		UUCACUGA A UGUACCAC	13740		34122
2657	8373				34123
2681	8349	GAAGCUCG A CUCACCCA	13741		34124
2690	8340	CUCACCCA A UACAUCUC	13742		
2708	8322	UGCGUGGA A UUCCGUGA	13743		34125
2730	8300	GGUUUCUG A CCAGUCCC	13744		34126
2778	8252	UCUCUAUG A CUUUCGGC	13745		34127
2815	8215	CACGCAAA A UUCCCUUG	13746		34128
2847	8183	AGUCCUCA A CCAUUUCA	.13747		
2859	8171	UUUCAAGG A CCCGAAUC	13748	<u> </u>	34130
2865	8165	GGACCCGA A UCGUCCUA	13749		34131
2883	8147	GCUCUUCA A CCUCAGCA	13750	TGCTGAGG GGCTAGCTACAACGA TGAAGAGC	34132
2896	8134	AGCACUUG A CGAGGACU	13751	AGTCCTCG GGCTAGCTACAACGA CAAGTGCT	34133
2902	8128	UGACGAGG A CUCUCCGA	13752	TCGGAGAG GGCTAGCTACAACGA CCTCGTCA	34134
2910	8120	ACUCUCCG A UGUCACAA	13753		34135
2933	8097	GUGUCACA A CACUCAGA	13754		34136
2953	8077	UCUGUAGA A CACAUCCA	13755		34137
				1	

Table XI	PCT/US01/48350
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	2252	UCAUGGUG A CAAUGUUC	13756	GAACATTG GGCTAGCTACAACGA CACCATGA	34138
2979	8051		13757	ATGGAACA GGCTAGCTACAACGA TGTCACCA	34139
2982	8048	UGGUGACA A UGUUCCAU		GTGCAAAG GGCTAGCTACAACGA TATGGATG	34140
2996	8034	CAUCCAUA A CUUUGCAC	13758	AAGGGCGG GGCTAGCTACAACGA CCCGGACA	34141
3029	8001	UGUCCGGG A CCGCCCUU	13759		
3051	7979	ACCCUCUG A CUUCUUGG	13760	CCAAGAAG GGCTAGCTACAACGA CAGAGGGT	34142
3060	7970	CUUCUUGG A CUCUUUUU	13761	AAAAAGAG GGCTAGCTACAACGA CCAAGAAG	34143
3086	7944	AUAUAGUA A CACCAACC	13762	GGTTGGTG GGCTAGCTACAACGA TACTATAT	34144
3092	7938	UAACACCA A CCGCCUCU	13763	AGAGGCGG GGCTAGCTACAACGA TGGTGTTA	34145
3117	7913	CAAGGUCA A UCACUUUU	13764	AAAAGTGA GGCTAGCTACAACGA TGACCTTG	34146
3129	7901	CUUUUCCG A CCGGUUCG	13765	CGAACCGG GGCTAGCTACAACGA CGGAAAAG	34147
3142	7888	UUCGAGAA A CCUCCGUU	13766	AACGGAGG GGCTAGCTACAACGA TTCTCGAA	34148
3153	7877	UCCGUUCG A CCAGCCAU	13767	ATGGCTGG GGCTAGCTACAACGA CGAACGGA	34149
3186	7844	CCCUAGAG A CUGGAUGC	13768	GCATCCAG GGCTAGCTACAACGA CTCTAGGG	34150
3191	7839	GAGACUGG A UGCCCUCC	13769	GGAGGGCA GGCTAGCTACAACGA CCAGTCTC	34151
3204	7826	CUCCAGUG A CAUUGCCU	13770	AGGCAATG GGCTAGCTACAACGA CACTGGAG	34152
			13771	GAAGTCGA GGCTAGCTACAACGA CGCTCAGC	34153
3242	7788	GCUGAGCG A UCGACUUC		CATCGAAG GGCTAGCTACAACGA CGATCGCT	34154
3246	7784	AGCGAUCG A CUUCGAUG	13772		
3252	7778	CGACUUCG A UGAUGGCC	13773	GGCCATCA GGCTAGCTACAACGA CGAAGTCG	34155
3255	7775	CUUCGAUG A UGGCCUCU	13774	AGAGGCCA GGCTAGCTACAACGA CATCGAAG	34156
3280	7750	CCUAGUGA A CUCUUCUU	13775	AAGAAGAG GGCTAGCTACAACGA TCACTAGG	34157
3318	7712	CUUUCCAA A CCUCUCCC	13776	GGGAGAGG GGCTAGCTACAACGA TTGGAAAG	34158
3400	7630	UGUUAUGG A UAGACAUG	13777	CATGTCTA GGCTAGCTACAACGA CCATAACA	34159
3404	7626	AUGGAUAG A CAUGACAA	13778	TTGTCATG GGCTAGCTACAACGA CTATCCAT	34160
3409	7621	UAGACAUG A CAACCAAC	13779	GTTGGTTG GGCTAGCTACAACGA CATGTCTA	34161
3412	7618	ACAUGACA A CCAACCCC	13780	GGGGTTGG GGCTAGCTACAACGA TGTCATGT	34162
3416	7614	GACAACCA A CCCCCACG	13781	CGTGGGG GGCTAGCTACAACGA TGGTTGTC	34163
3429	7601	CACGCAUG A UGUGGCAG	13782	CTGCCACA GGCTAGCTACAACGA CATGCGTG	34164
3444	7586	AGAGUCCG A UGGCAGUU	13783	AACTGCCA GGCTAGCTACAACGA CGGACTCT	34165
3465	7565	CGUUCCAA A CAGAGCUU	13784	AAGCTCTG GGCTAGCTACAACGA TTGGAACG	34166
3510	7520	CGGCCGUG A UCAAAAUU	13785	AATTTTGA GGCTAGCTACAACGA CACGGCCG	34167
3516	7514	UGAUCAAA A UUCCGGCU	13786	AGCCGGAA GGCTAGCTACAACGA TTTGATCA	34168
		CUUCACAG A CGGGUUCA	13787	TGAACCCG GGCTAGCTACAACGA CTGTGAAG	34169
3544	7486	AGCUAGAG A CACCAAGA	13788	TCTTGGTG GGCTAGCTACAACGA CTCTAGCT	34170
3571	7459	L		CATGCTGA GGCTAGCTACAACGA CTTGGTGT	34171
3579	7451	ACACCAAG A UCAGCAUG	13789		
3588	7442	UCAGCAUG A UCUGUCCA	13790	TGGACAGA GGCTAGCTACAACGA CATGCTGA	34172
3597	7433	UCUGUCCA A CUUUCUUC	13791	GAAGAAAG GGCTAGCTACAACGA TGGACAGA	34173
3612	7418	UCUGCAUG A UGGGUGUG	13792	CACACCCA GGCTAGCTACAACGA CATGCAGA	34174
3631	7399	GCGCUCUA A UUCUGGGA	13793	TCCCAGAA GGCTAGCTACAACGA TAGAGCGC	34175
3639	7391	AUUCUGGG A CGUCCGUG	13794	CACGGACG GGCTAGCTACAACGA CCCAGAAT	34176
3654	7376	UGGCCACG A UGCCAUCC	13795	GGATGGCA GGCTAGCTACAACGA CGTGGCCA	34177
3681	7349	UCUUCAUG A UUCCGGCC	13796	GGCCGGAA GGCTAGCTACAACGA CATGAAGA	34178
3731	7299	GCUUGCCA A CCGGGAAC	13797	GTTCCCGG GGCTAGCTACAACGA TGGCAAGC	34179
3738	7292	AACCGGGA A CCAUGUAG	13798	CTACATGG GGCTAGCTACAACGA TCCCGGTT	34180
3786	7244	UUACCGUA A CGGUGAGG	13799		34181
3798	7232	UGAGGGUG A CUUGUCCC	13800		34182
3835	7195	GAGAGCCG A CACUCCAA	13801		34183
3843	7187	ACACUCCA A CAUCGACG	13802		34184
3849	7181	CAACAUCG A CGAAGGGG	13803		34185
	7153	GAGUGUGA A UAGUGCAC	13804		34186
3877			13804		34187
3894	7136	UUGCCUGA A CGUUUAUU			
3910	7120	UGAGGUCA A UGAGGUGU	13806		34188
3921	7109	AGGUGUUG A UGUAAUCU	13807		34189
3926	7104	UUGAUGUA A UCUGACGU	13808		34190
3931	7099	GUAAUCUG A CGUGAUCA	13809		34191
3936	7094	CUGACGUG A UCAAAUGC	13810		34192
3941	7089	GUGAUCAA A UGCUUUAG	13811		34193
3963	7067	GAGUGAGG A CCGCUGUU	13812	AACAGCGG GGCTAGCTACAACGA CCTCACTC	34194
3988	7042	GUACAGUG A CCAGGCUG	13813	CAGCCTGG GGCTAGCTACAACGA CACTGTAC	34195
4021	7009	CAAAAGAA A CUCUCCCA	13814	TGGGAGAG GGCTAGCTACAACGA TTCTTTTG	34196
4037	6993	AUGCUGAA A UUCUCCUU	13815	AAGGAGAA GGCTAGCTACAACGA TTCAGCAT	34197
4047	6983	UCUCCUUG A CCUCAAUU	13816		34198
4053	6977	UGACCUCA A UUCUUUGC	13817		34199
4066	6964	UUGCCCAA A CAAACUGC	13818		34200
		1	1 -2070	Januario Continuironi Licobari	

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4070	6960	CCAAACAA A CUGCUUAU	13819	ATAAGCAG GGCTAGCTACAACGA TTGTTTGG	34201
4103	6927	UCUAGCCA A CCCAUCUC	13820	GAGATGGG GGCTAGCTACAACGA TGGCTAGA	34202
4143	6887	GGGUCAUG A CACAAAUC	13821	GATTIGIG GGCTAGCTACAACGA CATGACCC	34203
4149	6881	UGACACAA A UCAGGAAC	13822	GTTCCTGA GGCTAGCTACAACGA TTGTGTCA	34204
4156	6874	AAUCAGGA A CACGGCUA	13823	TAGCCGTG GGCTAGCTACAACGA TCCTGATT	34205
4184	6846	GUCUGCGA A CGUUGCUU	13824	AAGCAACG GGCTAGCTACAACGA TCGCAGAC	34206
4206	6824	GCUCAGGA A UUAGCACA	13825	TGTGCTAA GGCTAGCTACAACGA TCCTGAGC	34207
4215	6815	UUAGCACA A UCAUCAAG	13826	CTTGATGA GGCTAGCTACAACGA TGTGCTAA	34208
4240	6790	GAGCAGCA A CAUUCCGG	13827	CCGGAATG GGCTAGCTACAACGA TGCTGCTC	34209
	6779	UUCCGGCG A UCUUCGUU	13828	AACGAAGA GGCTAGCTACAACGA CGCCGGAA	34210
4251				GGCTGAAG GGCTAGCTACAACGA CGCCGGAA	
4266	6764	UUCCUGGA A CUUCAGCC	13829		34211
4280	6750	GCCAUCCA A CAGAAAAA	13830	TTTTTCTG GGCTAGCTACAACGA TGGATGGC	34212
4296	6734	AGGUCGCG A CUCCCAAG	13831	CTTGGGAG GGCTAGCTACAACGA CGCGACCT	34213
4305	6725	CUCCCAAG A CAGCGCCU	13832	AGGCGCTG GGCTAGCTACAACGA CTTGGGAG	34214
4319	6711	CCUCCCAA A CCUAUCUU	13833	AAGATAGG GGCTAGCTACAACGA TTGGGAGG	34215
4332	6698	UCUUUCCA A UGCCCUUC	13834	GAAGGGCA GGCTAGCTACAACGA TGGAAAGA	34216
4360	6670	GAGGAAGA A UACUCCCA	13835	TGGGAGTA GGCTAGCTACAACGA TCTTCCTC	34217
4384	6646	CACACUCA A UAAGGCAA	13836	TTGCCTTA GGCTAGCTACAACGA TGAGTGTG	34218
4392	6638	AUAAGGCA A UCAAGGCA	13837	TGCCTTGA GGCTAGCTACAACGA TGCCTTAT	34219
4401	6629	UCAAGGCA A UUGUCUGA	13838	TCAGACAA GGCTAGCTACAACGA TGCCTTGA	34220
4476	6554	UGGCCACA A CGUACAUG	13839	CATGTACG GGCTAGCTACAACGA TGTGGCCA	34221
4539	6491	UUCCCAGA A CCUCAAUG	13840	CATTGAGG GGCTAGCTACAACGA TCTGGGAA	34222
4545	6485	GAACCUCA A UGAGCCCU	13841	AGGGCTCA GGCTAGCTACAACGA TGAGGTTC	34223
4562	6468	AUCUGAGA A CGUUUUCC	13842	GGAAAACG GGCTAGCTACAACGA TCTCAGAT	34224
4588	6442	GUCCUUGA A CGCCUUUA	13843	TAAAGGCG GGCTAGCTACAACGA TCAAGGAC	34225
4607	6423	GCCUGGUG A UCCGAGUA	13844	TACTCGGA GGCTAGCTACAACGA CACCAGGC	34226
4629	6401	UGGCGUCA A UCCAGCGC	13845	GCGCTGGA GGCTAGCTACAACGA TGACGCCA	
					34227
4647	6383	GCCUCAGA A UCUUCCUU	13846	AAGGAAGA GGCTAGCTACAACGA TCTGAGGC	34228
4671	6359	GCUUCGUG A UGACUUCC	13847	GGAAGTCA GGCTAGCTACAACGA CACGAAGC	34229
4674	6356	UCGUGAUG A CUUCCACU	13848	AGTGGAAG GGCTAGCTACAACGA CATCACGA	34230
4701	6329	CUUCUAAA A UUGUGUUU	13849	AAACACAA GGCTAGCTACAACGA TTTAGAAG	34231
4718	6312	GUCCUAGG A CCAUCAAA	13850	TTTGATGG GGCTAGCTACAACGA CCTAGGAC	34232
4750	6280	GUGGUAUG A CACUCCAG	13851	CTGGAGTG GGCTAGCTACAACGA CATACCAC	34233
4767	6263	CCGCUGCA A CCUUGUAA	13852	TTACAAGG GGCTAGCTACAACGA TGCAGCGG	34234
4785	6245	CCAGCCAA A CUGGCAGA	13853	TCTGCCAG GGCTAGCTACAACGA TTGGCTGG	34235
4793	6237	ACUGGCAG A UCUGCAGU	13854	ACTGCAGA GGCTAGCTACAACGA CTGCCAGT	34236
4807	6223	AGUCCUCA A CAGUUCCA	13855	TGGAACTG GGCTAGCTACAACGA TGAGGACT	34237
4894	6136	UUGGUAGA A UUGAGCGA	13856	TCGCTCAA GGCTAGCTACAACGA TCTACCAA	34238
4902	6128	AUUGAGCG A UCAGUCCG	13857	CGGACTGA GGCTAGCTACAACGA CGCTCAAT	34239
4923	6107	GCAUGUUG A UGUUGUCC	13858	GGACAACA GGCTAGCTACAACGA CAACATGC	34240
4938	6092	CCAGCAUG A UUCGUGCC	13859	GGCACGAA GGCTAGCTACAACGA CATGCTGG	34241
4955	6075	UCAGUCCA A UGGGCGAA	13860	TTCGCCCA GGCTAGCTACAACGA TGGACTGA	34242
4997	6033	CCCCCAUA A CAGUACUC	13861	GAGTACTG GGCTAGCTACAACGA TATGGGGG	34243
5013	6017	CAUCACCA A CUUGCGAC	13862	GTCGCAAG GGCTAGCTACAACGA TGGTGATG	34244
5020	6010	AACUUGCG A CGGAUUUC	13863	GAAATCCG GGCTAGCTACAACGA CGCAAGTT	34245
5024	6006	UGCGACGG A UUUCUACC	13864	GGTAGAAA GGCTAGCTACAACGA CCGTCGCA	34246
5034	5996	UUCUACCG A UACGUCCA	13865	TGGACGTA GGCTAGCTACAACGA CGGTAGAA	34247
5077	5953	CACUGCAG A UGGUUCUC	13866	GAGAACCA GGCTAGCTACAACGA CTGCAGTG	34248
5091	5939	CUCCCAGG A UCACUCUC	13867	GAGAGTGA GGCTAGCTACAACGA CTGCAGTG	
5118	5912	CUGUUAUG A UGGUUGGU			34249
			13868	ACCAACCA GGCTAGCTACAACGA CATAACAG	34250
5148	5882	GGCUGUCA A UCACCCUG	13869	CAGGGTGA GGCTAGCTACAACGA TGACAGCC	34251
5185	5845	CAUUUCAG A UAUGUCUG	13870	CAGACATA GGCTAGCTACAACGA CTGAAATG	34252
5199	5831	CUGUUGUG A UAACAAAG	13871	CTTTGTTA GGCTAGCTACAACGA CACAACAG	34253
5202	5828	UUGUGAUA A CAAAGUCC	13872	GGACTTTG GGCTAGCTACAACGA TATCACAA	34254
5213	5817	AAGUCCCA A UCAUCGUU	13873	AACGATGA GGCTAGCTACAACGA TGGGACTT	34255
5251	5779	CUCGUACG A CUUUCUGU	13874	ACAGAAAG GGCTAGCTACAACGA CGTACGAG	34256
5263	5767	UCUGUUCA A UUGGACUA	13875	TAGTCCAA GGCTAGCTACAACGA TGAACAGA	34257
5268	5762	UCAAUUGG A CUACUUUC	13876	GAAAGTAG GGCTAGCTACAACGA CCAATTGA	34258
5304	5726	AAAGGGCA A UCUCAUUC	13877	GAATGAGA GGCTAGCTACAACGA TGCCCTTT	34259
5322	5708	CCAUCUUG A CACUAGGC	13878	GCCTAGTG GGCTAGCTACAACGA CAAGATGG	34260
5335	5695	AGGCACAA A CCAAACCG	13879	CGGTTTGG GGCTAGCTACAACGA TTGTGCCT	34261
5340	5690	CAAACCAA A CCGUCUUC	13880	GAAGACGG GGCTAGCTACAACGA TTGGTTTG	34262
5364	5666	AUUCUGUG A UCCAUUCG	13881	CGAATGGA GGCTAGCTACAACGA CACAGAAT	34263
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***) 02/00003/		_		
5393	5637	CAAGCUCG A UCCGGGAU	13882	ATCCCGGA GGCTAGCTACAACGA CGAGCTTG	34264
5400	5630	GAUCCGGG A UCUCAGUC	13883	GACTGAGA GGCTAGCTACAACGA CCCGGATC	34265
5421	5609	AGUCGGAA A UUGGUGAA	13884	TTCACCAA GGCTAGCTACAACGA TTCCGACT	34266
5429	5601	AUUGGUGA A UUGGACUC	13885	GAGTCCAA GGCTAGCTACAACGA TCACCAAT	34267
5434	5596	UGAAUUGG A CUCUGGGA	13886	TCCCAGAG GGCTAGCTACAACGA CCAATTCA	34268
5443	5587	CUCUGGGA A UGGAUCUG	13887	CAGATCCA GGCTAGCTACAACGA TCCCAGAG	34269
5447	5583	GGGAAUGG A UCUGAAGU	13888	ACTTCAGA GGCTAGCTACAACGA CCATTCCC	34270
5479	5551	UGUCAUGA A UAUUGCCG	13889	CGGCAATA GGCTAGCTACAACGA TCATGACA	34271
5505	5525	CUAGCUCG A CCUUUGUG	13890	CACAAAGG GGCTAGCTACAACGA CGAGCTAG	34272
5517	5513	UUGUGGAA A UGUAACCU	13891	AGGTTACA GGCTAGCTACAACGA TTCCACAA	34273
5522	5508	GAAAUGUA A CCUCUUGC	13892	GCAAGAGG GGCTAGCTACAACGA TACATTTC	34274
5535	5495	UUGCUGCA A UGCUAGCU	13893	AGCTAGCA GGCTAGCTACAACGA TGCAGCAA	34275
		UCGGUGAA A UGAGCCUC	13894	GAGGCTCA GGCTAGCTACAACGA TTCACCGA	34276
5555	5475	CAUCACGA A CAGGUUGU	13895	ACAACCTG GGCTAGCTACAACGA TCGTGATG	34277
5575	5455		13896	GGCTGATG GGCTAGCTACAACGA CTCCTCAC	34278
5605	5425	GUGAGGAG A CAUCAGCC			
5633	5397	GUAGCAUG A CACAUGAC	13897	GTCATGTG GGCTAGCTACAACGA CATGCTAC	34279
5640	5390	GACACAUG A CAUCAACA	13898	TGTTGATG GGCTAGCTACAACGA CATGTGTC	34280
5646	5384	UGACAUCA A CAAUCUCA	13899	TGAGATTG GGCTAGCTACAACGA TGATGTCA	34281
5649	5381	CAUCAACA A UCUCAUUU	13900	AAATGAGA GGCTAGCTACAACGA TGTTGATG	34282
5683	5347	CACUGCGG A UGUCUGGU	13901	ACCAGACA GGCTAGCTACAACGA CCGCAGTG	34283
5697	5333	GGUACCGG A UGGGCAGU	13902	ACTGCCCA GGCTAGCTACAACGA CCGGTACC	34284
5739	5291	CAGCCACA A CCCUGGUU	13903	AACCAGGG GGCTAGCTACAACGA TGTGGCTG	34285
5793	5237	CCUCUUUG A UGAUCUGU	13904	ACAGATCA GGCTAGCTACAACGA CAAAGAGG	34286
5796	5234	CUUUGAUG A UCUGUGGC	13905	GCCACAGA GGCTAGCTACAACGA CATCAAAG	34287
5808	5222	GUGGCAGA A UCCUCCUU	13906	AAGGAGGA GGCTAGCTACAACGA TCTGCCAC	34288
5834	5196	GCGCCGGG A UGGAGAUC	13907	GATCTCCA GGCTAGCTACAACGA CCCGGCGC	34289
5840	5190	GGAUGGAG A UCCAGUAC	13908	GTACTGGA GGCTAGCTACAACGA CTCCATCC	34290
5853	5177	GUACAGUG A UCUGUUUU	13909	AAAACAGA GGCTAGCTACAACGA CACTGTAC	34291
5884	5146	AGGUUCGA A UCCGGCUG	13910	CAGCCGGA GGCTAGCTACAACGA TCGAACCT	34292
5895	5135	CGGCUGGG A UUGGCUCA	13911	TGAGCCAA GGCTAGCTACAACGA CCCAGCCG	34293
5958	5072	GCAUUAUG A CUCCAUUG	13912	CAATGGAG GGCTAGCTACAACGA CATAATGC	34294
5979	5051	AAAGCCCA A UCACAUCA	13913	TGATGTGA GGCTAGCTACAACGA TGGGCTTT	34295
6016	5014	UGAGCCUG A UGUUCCAG	13914	CTGGAACA GGCTAGCTACAACGA CAGGCTCA	34296
6051	4979	CGGCCCG A UUUCUCCU	13915	AGGAGAAA GGCTAGCTACAACGA CGGGGCCG	34297
6073	4957	UGUUUUGA A CACCCCUG	13916	CAGGGGTG GGCTAGCTACAACGA TCAAAACA	34298
6093	4937	UCGUCUGG A CGUUCUUA	13917	TAAGAACG GGCTAGCTACAACGA CCAGACGA	34299
6102	4928	CGUUCUUA A CGUUCUUG	13918	CAAGAACG GGCTAGCTACAACGA TAAGAACG	34300
6126	4904	CCACCACA A UCAUCUGC	13919	GCAGATGA GGCTAGCTACAACGA TGTGGTGG	34301
		GUGCUGCA A UUUCCAGG	13920	CCTGGAAA GGCTAGCTACAACGA TGCAGCAC	34302
6166	4864	<u> </u>	+	CGACTTTG GGCTAGCTACAACGA TACGGAGG	
6185	4845	CCUCCGUA A CAAAGUCG	13921		34303
6194	4836	CAAAGUCG A UCCUCCUU	13922	AAGGAGGA GGCTAGCTACAACGA CGACTTTG	34304
6204	4826	CCUCCUUG A CACUGCCC	13923	GGGCAGTG GGCTAGCTACAACGA CAAGGAGG	34305
6285	4745	UGUGGAAA A CACCUUCA	13924		34306
6294	4736	CACCUUCA A CCAUCACG	13925		34307
6317	4713	CCUGCUUG A UAACUGCC	13926	<u> </u>	34308
6320	4710	GCUUGAUA A CUGCCGAG	13927	CTCGGCAG GGCTAGCTACAACGA TATCAAGC	34309
6345	4685	GAGUCAUG A UCCUGUAG	13928	CTACAGGA GGCTAGCTACAACGA CATGACTC	34310
6354	4676	UCCUGUAG A CGCCGGUG	13929	CACCGGCG GGCTAGCTACAACGA CTACAGGA	34311
6409	4621	GUCCCACA A CACGCCUC	13930	GAGGCGTG GGCTAGCTACAACGA TGTGGGAC	34312
6448	4582	UAUCCAAA A UCCAACUA	13931	TAGTTGGA GGCTAGCTACAACGA TTTGGATA	34313
6453	4577	AAAAUCCA A CUACUGAG	13932	CTCAGTAG GGCTAGCTACAACGA TGGATTTT	34314
6468	4562	AGGGCAAG A UUGCCCAG	13933	CTGGGCAA GGCTAGCTACAACGA CTTGCCCT	34315
6492	4538	ACGCACUA A UCGCGAGA	13934	TCTCGCGA GGCTAGCTACAACGA TAGTGCGT	34316
6500	4530	AUCGCGAG A CAGACCAU	13935		34317
6504	4526	CGAGACAG A CCAUUCUG	13936		34318
6542	4488	GCUCCUGG A UCAUUCAU	13937		34319
6588	4442	GCACAUCA A CUCUUUCG	13938		34320
6609	4421	AGCCUGUA A UUUCUGCA	13939		34321
6633	4397	CCCAGGAA A UGUCCGCC	13940		34322
	4379	UUCUCUCA A UCCACAUA			34323
6651			13941		
6667	4363	AUCUGUUG A UUUCCCAG	13942		34324
6678	4352	UCCCAGAA A UCACGAAA	13943	<u></u>	34325
6694	4336	AGCAGCAA A CAUGAGCC	13944	GGCTCATG GGCTAGCTACAACGA TTGCTGCT	34326

Table XI

			Table A		
6708	4322	GCCCGCG A UAGUCAUU	13945	AATGACTA GGCTAGCTACAACGA CGCGGGGC	34327
6720	4310	UCAUUGGA A UGGCCAUG	13946	CATGGCCA GGCTAGCTACAACGA TCCAATGA	34328
6735	4295	UGGAGUCA A UGUCAAGC	13947	GCTTGACA GGCTAGCTACAACGA TGACTCCA	34329
6759	4271	GCCCUCCG A CGAUGGCA	13948	TGCCATCG GGCTAGCTACAACGA CGGAGGGC	34330
6762	4268	CUCCGACG A UGGCAAAC	13949	GTTTGCCA GGCTAGCTACAACGA CGTCGGAG	34331
6769	4261	GAUGGCAA A CAUUAGGC	13950	GCCTAATG GGCTAGCTACAACGA TTGCCATC	34332
6780	4250	UUAGGCCG A CAGCUGUC	13951	GACAGCTG GGCTAGCTACAACGA CGGCCTAA	34333
6827	4203	CGGUUGGG A UCACAUGC	13952	GCATGTGA GGCTAGCTACAACGA CCCAACCG	34334
6837	4193	CACAUGCA A UCAGUCCA	13953	TGGACTGA GGCTAGCTACAACGA TGCATGTG	34335
6855	4175	CAGCAAGG A UCAUGGGG	13954	CCCCATGA GGCTAGCTACAACGA CCTTGCTG	34336
6902	4128	CAUAGCAG A CUUGCUCC	13955	GGAGCAAG GGCTAGCTACAACGA CTGCTATG	34337
6945	4085	UCUCCCUG A UCAAGCUG	13956	CAGCTTGA GGCTAGCTACAACGA CAGGGAGA	34338
6963	4067	CUAUUCCG A CCAUCAAC	13957	GTTGATGG GGCTAGCTACAACGA CGGAATAG	34339
6970	4060	GACCAUCA A CAGCAGUA	13958	TACTGCTG GGCTAGCTACAACGA TGATGGTC	34340
6995	4035	ACAUCCAG A UUCAAGCA	13959	TGCTTGAA GGCTAGCTACAACGA CTGGATGT	34341
7038	3992	GCAGCGGA A CAACCACG	13960	CGTGGTTG GGCTAGCTACAACGA TCCGCTGC	34342
-		GCGGAACA A CCACGUUU	13961	AAACGTGG GGCTAGCTACAACGA TGTTCCGC	34343
7041	3989			CAACGACA GGCTAGCTACAACGA CAAACGTG	34344
7051	3979	CACGUUUG A UGUCGUUG	13962	CCATAACA GGCTAGCTACAACGA TCACAACG	34345
7063	3967	CGUUGUGA A UGUUAUGG	13963	GTGTTGAA GGCTAGCTACAACGA TCACAACG	
7103	3927	GCCAGUGA A UUCAACAC	13964	I	34346
7108	3922	UGAAUUCA A CACAUCAG	13965	CTGATGTG GGCTAGCTACAACGA TGAATTCA	34347
7119	3911	CAUCAGGG A UCUCCCAG	13966	CTGGGAGA GGCTAGCTACAACGA CCCTGATG	34348
7134	3896	AGAGCAGA A UUUGGCGG	13967	CCGCCAAA GGCTAGCTACAACGA TCTGCTCT	34349
7151	3879	GCAUCGUG A UAAGCCAU	13968	ATGGCTTA GGCTAGCTACAACGA CACGATGC	34350
7170	3860	GAAAGAAA A CAGCCGCC	13969	GGCGGCTG GGCTAGCTACAACGA TTTCTTTC	34351
7180	3850	AGCCGCCA A CAUCAACA	13970	TGTTGATG GGCTAGCTACAACGA TGGCGGCT	34352
7186	3844	CAACAUCA A CAAAAUGU	13971	ACATTITG GGCTAGCTACAACGA TGATGTTG	34353
7191	3839	UCAACAAA A UGUUCUCC	13972	GGAGAACA GGCTAGCTACAACGA TTTGTTGA	34354
7225	3805	UUUGAGAA A CGAUGCCA	13973	TGGCATCG GGCTAGCTACAACGA TTCTCAAA	34355
7228	3802	GAGAAACG A UGCCACCA	13974	TGGTGGCA GGCTAGCTACAACGA CGTTTCTC	34356
7240	3790	CACCAUAA A CACUGGUU	13975	AACCAGTG GGCTAGCTACAACGA TTATGGTG	34357
7298	3732	CCUCCCGA A UUAGAUUC	13976	GAATCTAA GGCTAGCTACAACGA TCGGGAGG	34358
7303	3727	CGAAUUAG A UUCUGCGA	13977	TCGCAGAA GGCTAGCTACAACGA CTAATTCG	34359
7329	3701	CCACCAAG A UGACAUAG	13978	CTATGTCA GGCTAGCTACAACGA CTTGGTGG	34360
7332	3698	CCAAGAUG A CAUAGCGU	13979	ACGCTATG GGCTAGCTACAACGA CATCTTGG	34361
7342	3688	AUAGCGUA A CACAUCAG	13980	CTGATGTG GGCTAGCTACAACGA TACGCTAT	34362
7359	3671	UGUAAGUA A UGCCCCCA	13981	TGGGGGCA GGCTAGCTACAACGA TACTTACA	34363
7369	3661	GCCCCCAA A CACCAGGA	13982	TCCTGGTG GGCTAGCTACAACGA TTGGGGGC	34364
7377	3653	ACACCAGG A CUAGCAGA	13983	TCTGCTAG GGCTAGCTACAACGA CCTGGTGT	34365
7389	3641	GCAGAGCA A UCAGUAUA	13984	TATACTGA GGCTAGCTACAACGA TGCTCTGC	34366
7410	3620	GCAUGCUG A UCUUGGCU	13985	AGCCAAGA GGCTAGCTACAACGA CAGCATGC	34367
7437	3593	UGCGAAGG A CCUCCUGG	13986	CCAGGAGG GGCTAGCTACAACGA CCTTCGCA	34368
7456	3574	GGCCAAGA A CACGACCA	13987	TGGTCGTG GGCTAGCTACAACGA TCTTGGCC	34369
7461	3569	AGAACACG A CCAGAAGG	13988	CCTTCTGG GGCTAGCTACAACGA CGTGTTCT	34370
7474	3556	AAGGCCCA A CUGAAAAG	13989	CTTTTCAG GGCTAGCTACAACGA TGGGCCTT	34371
7488	3542	AAGGGUCA A UCAUAUCA	13990		34372
7519	3511	CACUUGUG A CUGCACGA	13991		34373
7557	3473	GUGGUCUG A UCUCCAUA	13992		34374
7574	3456	CCAUACCA A CAGCCGCU	13993		34375
7631	3399	CAGCACCA A UCUGUUAU	13994		34376
7642	3388	UGUUAUCA A CUUUCCGC	13995		34377
7707	3323	UCAGGGUG A CCGUAGUU	13996		34378
7727	3303	GGGCAGUA A UCGAAGUC	13997		34379
7737	3293	CGAAGUCA A UCUCUACC	13998		34380
7796	3234	GGUCUCCG A UUGUGAUU	13999		34381
7802	3228	CGAUUGUG A UUGCUUCG	14000		34382
7827	3203	CCAGUGUG A CUGGUAUU	14001		34383
7854	3176	UCUCAAGG A UUCCAUCG	14002		34384
7897	3133	CGUACAUG A UUUGACUU	14003		34385
7902	3128	AUGAUUUG A CUUCACCC	14004		34386
7914	3116	CACCCAGA A CUGCCCUU	14005		34387
7956	3074	UGCUUUCA A UCCAAUAG	14006		34388
		UCAAUCCA A UAGGACAG	+		
7961	3069	J COMOCUM A CAGGACAG	14007	CTGTCCTA GGCTAGCTACAACGA TGGATTGA	34389

Table XI

			14000	GTGACCTG GGCTAGCTACAACGA CCTATTGG	34390
7966	3064	CCAAUAGG A CAGGUCAC	14008	CTTGGCGA GGCTAGCTACAACGA CCTATTGG	34391
7980	3050	CACUGUGG A UCGCCAAG	14009		
7998	3032	UGUUCUUG A CAGCCGUU	14010	AACGGCTG GGCTAGCTACAACGA CAAGAACA	34392
8010	3020	CCGUUCCA A UGAUCUUC	14011	GAAGATCA GGCTAGCTACAACGA TGGAACGG	34393
8013	3017	UUCCAAUG A UCUUCGAG	14012	CTCGAAGA GGCTAGCTACAACGA CATTGGAA	34394
8049	2981	UCUCUCUG A CCUUCAGG	14013	CCTGAAGG GGCTAGCTACAACGA CAGAGAGA	34395
8059	2971	CUUCAGGA A CAUCCGAG	14014	CTCGGATG GGCTAGCTACAACGA TCCTGAAG	34396
8078	2952	CUGGUGAG A CCAAAUCC	14015	GGATTTGG GGCTAGCTACAACGA CTCACCAG	34397
8083	2947	GAGACCAA A UCCAAAAU	14016	ATTTTGGA GGCTAGCTACAACGA TTGGTCTC	34398
8090	2940	AAUCCAAA A UCCUCCAC	14017	GTGGAGGA GGCTAGCTACAACGA TTTGGATT	34399
8120	2910	CAAGCGCG A UUCUGAGU	14018	ACTCAGAA GGCTAGCTACAACGA CGCGCTTG	34400
8132	2898	UGAGUCGG A CAUUCCUU	14019	AAGGAATG GGCTAGCTACAACGA CCGACTCA	34401
8150	2880	GUCUCCGG A CCAUCAAC	14020	GTTGATGG GGCTAGCTACAACGA CCGGAGAC CTTTGTGG GGCTAGCTACAACGA TGATGGTC	34402
8157	2873	GACCAUCA A CCACAAAG	14021		
8191	2839	UGGUGCAA A UAAAAUAC	14022	GTATTTTA GGCTAGCTACAACGA TTGCACCA	34404
8196	2834	CAAAUAAA A UACUCUUU	14023	AAAGAGTA GGCTAGCTACAACGA TTTATTTG	34406
8223	2807	UCCAGCCA A UUUCCAAU	14024	ATTGGAAA GGCTAGCTACAACGA TGGCTGGA	34407
8230	2800	AAUUUCCA A UUUUUCCG	14025	CGGAAAAA GGCTAGCTACAACGA TGGAAATT TGTACAAG GGCTAGCTACAACGA CAGCACCT	34408
8266	2764	AGGUGCUG A CUUGUACA	14026		
8292	2738	GUUUCUCA A CCACGACA	14027	TGTCGTGG GGCTAGCTACAACGA TGAGAAAC CCTTAGTG GGCTAGCTACAACGA CGTGGTTG	34409
8298	2732	CAACCACG A CACUAAGG	14028	CTGGAGCA GGCTAGCTACAACGA CGTGGTTG	34410
8366	2664	CACAUUUG A UGCUCCAG		ACGATCAG GGCTAGCTACAACGA TTCCAGAC	34412
8382	2648	GUCUGGAA A CUGAUCGU	14030	GTCTACGA GGCTAGCTACAACGA TTCCAGAC GTCTACGA GGCTAGCTACAACGA CAGTTTCC	34413
8386	2644	GGAAACUG A UCGUAGAC	14031	GTGTGCGG GGCTAGCTACAACGA CAGTTTCC GTGTGCGG GGCTAGCTACAACGA CTACGATC	34414
8393	2637	GAUCGUAG A CCGCACAC	14032	CAAGATCA GGCTAGCTACAACGA TCAGAAAG	34415
8424	2606	CUUUCUGA A UGAUCUUG	14033	AGCCAAGA GGCTAGCTACAACGA TCAGAAAG	34416
8427	2603	UCUGAAUG A UCUUGGCU	14034	TACAAGTA GGCTAGCTACAACGA CATTCAGA	34417
8459	2571	UCAGGGUA A UACUUGUA	14035	GTGGAGTG GGCTAGCTACAACGA TCATACAC	34418
8503	2527	GUGUAUGA A CACUCCAC	14036	CATAGACA GGCTAGCTACAACGA TCATACAC	34419
8538	2492	GCCGGCUG A UGUCUAUG	14037	TGGAGGAG GGCTAGCTACAACGA TCTGCTCT	34420
8592	2438	AGAGCAGA A CUCCUCCA		TCTCGCAG GGCTAGCTACAACGA TGGAGGAG	34421
8601	2429	CUCCUCCA A CUGCGAGA UGCGAGAA A CGUGAGAG	14039	CTCTCACG GGCTAGCTACAACGA TTCTCGCA	34422
8611	2419	AGCUAUGG A CCUAUCAC	14041	GTGATAGG GGCTAGCTACAACGA CCATAGCT	34423
8626	2404	GAGCAUUG A UGCCCAUC	14042	GATGGGCA GGCTAGCTACAACGA CAATGCTC	34424
8643	2387	CAUCCACA A CAGGAGAG	14042	CTCTCCTG GGCTAGCTACAACGA TGTGGATG	34425
8656	2374	CCCCAGCA A UCCUUGCG	14044	CGCAAGGA GGCTAGCTACAACGA TGCTGGGG	34426
8674	2356	UAUCCAGG A CAUGCCUC	14045	GAGGCATG GGCTAGCTACAACGA CCTGGATA	34427
8692	2338	GCCUCCGA A CAGUGAGC	14046	GCTCACTG GGCTAGCTACAACGA TCGGAGGC	34428
8704 8716	2326	UGAGCGGA A UGCUCCUC	14047	GAGGAGCA GGCTAGCTACAACGA TCCGCTCA	34429
	2314	UCCUCCGA A CACUUGAU	14048	ATCAAGTG GGCTAGCTACAACGA TCGGAGGA	34430
8728	2302	AACACUUG A UGGACAGC	14049	GCTGTCCA GGCTAGCTACAACGA CAAGTGTT	34431
8735	2295 2291	CUUGAUGG A CAGCCUUC	14050	GAAGGCTG GGCTAGCTACAACGA CCATCAAG	34432
8739 8751	2279	CCUUCCCA A CUGAGGUG	14051	CACCTCAG GGCTAGCTACAACGA TGGGAAGG	34433
8761	2269	UGAGGUGA A CACCCCUC	1	GAGGGGTG GGCTAGCTACAACGA TCACCTCA	34434
8772		CCCUCCA A CUGAUCCA		TGGATCAG GGCTAGCTACAACGA TGGAGGGG	
8776		UCCAACUG A UCCAAAGU		ACTITGGA GGCTAGCTACAACGA CAGTTGGA	
8853	2177	CUUUGCCA A UGCUGCUU	14055		
8866	2164	GCUUCCAG A CUUGUGCC		GGCACAAG GGCTAGCTACAACGA CTGGAAGC	
8876		UUGUGCCA A UGGUGAUU		AATCACCA GGCTAGCTACAACGA TGGCACAA	
8882	2148	CAAUGGUG A UUGAUCUG		CAGATCAA GGCTAGCTACAACGA CACCATTG	34440
8886	2144	GGUGAUUG A UCUGUUGU		ACAACAGA GGCTAGCTACAACGA CAATCACC	
8941	2089	UGGUUCCA A UUCAAUCA		TGATTGAA GGCTAGCTACAACGA TGGAACCA	
8946	2084	CCAAUUCA A UCAGGACC		GGTCCTGA GGCTAGCTACAACGA TGAATTGG	
8952		CAAUCAGG A CCUUAGCG		CGCTAAGG GGCTAGCTACAACGA CCTGATTG	
8979		CCACUGAA A CAAAAGGG		CCCTTTG GGCTAGCTACAACGA TTCAGTGG	34445
8991	2039	AAGGGUUG A CAGUGACC	14064		
8997		UGACAGUG A CCAAUCUG	14065		
9001	2029	AGUGACCA A UCUGCCCA	14066		34448
9028	2002	GUCGUUCA A UGAAGCCA	14067		34449
9040	1990	AGCCACUG A CGAGAUAG	14068		
9045	1985	CUGACGAG A UAGGAACU	14069		
9051	1979	AGAUAGGA A CUUUGCAA	14070		34452
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9085	1945	GUACUGCA A UUCCAACA	14071	TGTTGGAA GGCTAGCTACAACGA TGCAGTAC	34453
9091	1939	CAAUUCCA A CACCACAG	14072	CTGTGGTG GGCTAGCTACAACGA TGGAATTG	34454
9107	1923	GUGCCGUG A CCUGUGUC	14073	GACACAGG GGCTAGCTACAACGA CACGGCAC	34455
9133	1897	CCCAAGAA A CUUGAAAG	14074	CTTTCAAG GGCTAGCTACAACGA TTCTTGGG	34456
9149	1881	GCCUUUGA A CAGACGCC	14075	GGCGTCTG GGCTAGCTACAACGA TCAAAGGC	34457
9153	1877	UUGAACAG A CGCCAUAG	14076	CTATGGCG GGCTAGCTACAACGA CTGTTCAA	34458
9175	1855	UCCCUUCA A CUGCAAUU	14077	AATTGCAG GGCTAGCTACAACGA TGAAGGGA	34459
9181	1849	CAACUGCA A UUUUUCCA	14078	TGGAAAAA GGCTAGCTACAACGA TGCAGTTG	34460
9209	1821	CACUUCAA A UGACCCGA	14079	TCGGGTCA GGCTAGCTACAACGA TTGAAGTG	34461
		UUCAAAUG A CCCGACGU	14080	ACGTCGGG GGCTAGCTACAACGA CATTTGAA	34462
9212	1818	AUGACCCG A CGUCAACU	14081	AGTTGACG GGCTAGCTACAACGA CGGGTCAT	34463
9217	1813			CTGTCAAG GGCTAGCTACAACGA TGACGTCG	34464
9223	1807	CGACGUCA A CUUGACAG	14082		
9228	1802	UCAACUUG A CAGUGUUG	14083	CAACACTG GGCTAGCTACAACGA CAAGTTGA	34465
9244	1786	GCUUGAAA A UUCCACAG	14084	CTGTGGAA GGCTAGCTACAACGA TTTCAAGC	34466
9255	1775	CCACAGGA A UGGCUCCA	14085	TGGAGCCA GGCTAGCTACAACGA TCCTGTGG	34467
9275	1755	AAAGCUUG A UGCAGAGC	14086	GCTCTGCA GGCTAGCTACAACGA CAAGCTTT	34468
9301	1729	UGAGCCCA A UGCUAUCA	14087	TGATAGCA GGCTAGCTACAACGA TGGGCTCA	34469
9313	1717	UAUCACAG A CUGCUUCG	14088	CGAAGCAG GGCTAGCTACAACGA CTGTGATA	34470
9340	1690	UUCCUCAA A CUCCAUUA	14089	TAATGGAG GGCTAGCTACAACGA TTGAGGAA	34471
9349	1681	CUCCAUUA A CGUCUCUC	14090	GAGAGACG GGCTAGCTACAACGA TAATGGAG	34472
9412	1618	GUCCAUGA A CCACUCAC	14091	GTGAGTGG GGCTAGCTACAACGA TCATGGAC	34473
9422	1608	CACUCACG A UGGACCAA	14092	TTGGTCCA GGCTAGCTACAACGA CGTGAGTG	34474
9426	1604	CACGAUGG A CCAAGAAC	14093	GTTCTTGG GGCTAGCTACAACGA CCATCGTG	34475
9433	1597	GACCAAGA A CGUCUUUG	14094	CAAAGACG GGCTAGCTACAACGA TCTTGGTC	34476
9447	1583	UUGUUCCA A CAGUCAUC	14095	GATGACTG GGCTAGCTACAACGA TGGAACAA	34477
9477	1553	UGGUGUCA A UCCCUGAC	14096	GTCAGGGA GGCTAGCTACAACGA TGACACCA	34478
9484	1546	AAUCCCUG A CCGUGGUU	14097	AACCACGG GGCTAGCTACAACGA CAGGGATT	34479
9558	1472	CAGGAGUG A UGCUGAAU	14098	ATTCAGCA GGCTAGCTACAACGA CACTCCTG	34480
9565	1465	GAUGCUGA A UCUCCCUG	14099	CAGGGAGA GGCTAGCTACAACGA TCAGCATC	34481
9588	1442	UGGCUCCA A CCUGUGUG	14100	CACACAGG GGCTAGCTACAACGA TGGAGCCA	34482
9613	1417	UCCGUGCG A CUCCACAG	14101	CTGTGGAG GGCTAGCTACAACGA CGCACGGA	34483
9636	1394	GUCCAUGG A CAAAAAUG	14102	CATTTTTG GGCTAGCTACAACGA CCATGGAC	34484
9642	1388	GGACAAAA A UGGCCACU	14103	AGTGGCCA GGCTAGCTACAACGA TITTGTCC	34485
9660	1370	CGUACUUG A UAUUCUCU	14104	AGAGAATA GGCTAGCTACAACGA CAAGTACG	34486
9675	1355	CUUUCAAG A UGGUUCUU	14105	AAGAACCA GGCTAGCTACAACGA CTTGAAAG	34487
9709	1321	GCAGGCAA A UUUGGCGC	14106	GCGCCAAA GGCTAGCTACAACGA TTGCCTGC	34488
9726	1304	AUGUGUCA A UGCUUCCU	14107	AGGAAGCA GGCTAGCTACAACGA TGACACAT	34489
9742	1288	UUUGCCAA A UAAUCCGC	14108	GCGGATTA GGCTAGCTACAACGA TTGGCAAA	34490
9745	1285	GCCAAAUA A UCCGCAGC	14109	GCTGCGGA GGCTAGCTACAACGA TATTTGGC	34491
				GTCAGCGA GGCTAGCTACAACGA CTCTCCAC	
9863	1167	GUGGAGAG A UCGCUGAC	14110	GGCTACCG GGCTAGCTACAACGA CAGCGATC	34492
9870	1160	GAUCGCUG A CGGUAGCC	14111		34493
9881	1149	GUAGCCAA A UAGCAAUA	14112		34494
9887	1143	AAAUAGCA A UAACUGCG	14113		34495
9890	1140	UAGCAAUA A CUGCGGAC	14114		34496
9897	1133	AACUGCGG A CCUCUGCC	14115		34497
9912	1118	CCAGGUUG A CCGCCUCC	14116		34498
9942	1088	UCACAUCG A UGGUAGGC	14117		34499
9961	1069	GUCCUUAG A CAUGAUAG	14118	CTATCATG GGCTAGCTACAACGA CTAAGGAC	34500
9966	1064	UAGACAUG A UAGUCACG	14119	CGTGACTA GGCTAGCTACAACGA CATGTCTA	34501
9993	1037	CUUCGAGA A CCAAAUCC	14120	GGATTTGG GGCTAGCTACAACGA TCTCGAAG	34502
9998	1032	AGAACCAA A UCCACCCA	14121	TGGGTGGA GGCTAGCTACAACGA TTGGTTCT	34503
10018	1012	UGCUCCAG A CACUCCUU	14122	AAGGAGTG GGCTAGCTACAACGA CTGGAGCA	34504
10090	940	CAAAAGCA A UAGCACGA	14123	TCGTGCTA GGCTAGCTACAACGA TGCTTTTG	34505
10098	932	AUAGCACG A CAAACACA	14124	TGTGTTTG GGCTAGCTACAACGA CGTGCTAT	34506
10102	928	CACGACAA A CACAACUC	14125	GAGTTGTG GGCTAGCTACAACGA TTGTCGTG	34507
10107	923	CAAACACA A CUCUCUGC	14126	GCAGAGAG GGCTAGCTACAACGA TGTGTTTG	34508
10139	891	AGCAUCCA A CCAAUGAC	14127	GTCATTGG GGCTAGCTACAACGA TGGATGCT	34509
10143	887	UCCAACCA A UGACGGCU	14128		34510
10146	884	AACCAAUG A CGGCUGCC	14129		34511
10182	848	UCCUCAAG A UCCAUGAU	14130	ATCATGGA GGCTAGCTACAACGA CTTGAGGA	34512
10189	841	GAUCCAUG A UUCUGUUU	14131	AAACAGAA GGCTAGCTACAACGA CATGGATC	34513
10205	825	UUUACCAA A UACCUUGU	14132	<u></u>	34514
10288	742	UGUCAGUG A CCUCCGAC	14133		34515
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		GACCUCCG A CUGCGUCU	14134	AGACGCAG GGCTAGCTACAACGA CGGAGGTC	34516
10295	735	CAUACCUG A CGUAGACU	14135	AGTCTACG GGCTAGCTACAACGA CAGGTATG	34517
10338	692	UGACGUAG A CUGCUGAC	14136	GTCAGCAG GGCTAGCTACAACGA CTACGTCA	34518
10344	686	GACUGCUG A CUUUGUGC	14137	GCACAAAG GGCTAGCTACAACGA CAGCAGTC	34519
10351	679	GUGCACCA A CAGUCGAU	14138	ATCGACTG GGCTAGCTACAACGA TGGTGCAC	34520
10364	666	AACAGUCG A UGUCUUCU	14139	AGAAGACA GGCTAGCTACAACGA CGACTGTT	34521
10371	659	UCUUCUGG A UCAUUACC	14140	GGTAATGA GGCTAGCTACAACGA CCAGAAGA	34522
10382	648			CAGTGCTG GGCTAGCTACAACGA CGGCTGGT	34523
10396	634	ACCAGCCG A CAGCACUG	14141	TGATACTA GGCTAGCTACAACGA CACTTATG	34524
10419	611	CAUAAGUG A UAGUAUCA	14142	ATGCATTG GGCTAGCTACAACGA CACTTATG	34524
10458	572	UUGCUCUG A CAAUGCAU	14143		
10461	569	CUCUGACA A UGCAUAGG	14144	CCTATGCA GGCTAGCTACAACGA TGTCAGAG	34526
10491	539	CUGUUGGA A UCGUGAUG	14145	CATCACGA GGCTAGCTACAACGA TCCAACAG	34527
10497	533	GAAUCGUG A UGACAUCU	14146	AGATGTCA GGCTAGCTACAACGA CACGATTC	34528
10500	530	UCGUGAUG A CAUCUGUG	14147	CACAGATG GGCTAGCTACAACGA CATCACGA	34529
10509	521	CAUCUGUG A CGUCAGUA	14148	TACTGACG GGCTAGCTACAACGA CACAGATG	34530
10563	467	AGAGGGUA A CUGCUCCU	14149	AGGAGCAG GGCTAGCTACAACGA TACCCTCT	34531
10581	449	CGCUGGCG A UCAGGCCA	14150	TGGCCTGA GGCTAGCTACAACGA CGCCAGCG	34532
10590	440	UCAGGCCA A UCAUGACU	14151	AGTCATGA GGCTAGCTACAACGA TGGCCTGA	34533
10596	434	CAAUCAUG A CUGCAAUU	14152	AATTGCAG GGCTAGCTACAACGA CATGATTG	34534
10602	428	UGACUGCA A UUCCGGUC	14153	GACCGGAA GGCTAGCTACAACGA TGCAGTCA	34535
10646	384	CUCCGCCG A UUGAUAGC	14154	GCTATCAA GGCTAGCTACAACGA CGGCGGAG	34536
10650	380	GCCGAUUG A UAGCACUG	14155	CAGTGCTA GGCTAGCTACAACGA CAATCGGC	34537
10685	345	UUCUUAAA A CUCAGAAG	14156	CTTCTGAG GGCTAGCTACAACGA TTTAAGAA	34538
10733	297	CUCCAUCG A UCCAGCAC	14157	GTGCTGGA GGCTAGCTACAACGA CGATGGAG	34539
10758	272	UCGGAGCA A UUGCUGUG	14158	CACAGCAA GGCTAGCTACAACGA TGCTCCGA	34540
10768	262	UGCUGUGA A CCUGAAGA	14159	TCTTCAGG GGCTAGCTACAACGA TCACAGCA	34541
10777	253	CCUGAAGA A CGCCAAGA	14160	TCTTGGCG GGCTAGCTACAACGA TCTTCAGG	34542
10792	238	GAGAGCCA A CACAAAUC	14161	GATTTGTG GGCTAGCTACAACGA TGGCTCTC	34543
10798	232	CAACACAA A UCGUAUUG	14162	CAATACGA GGCTAGCTACAACGA TTGTGTTG	34544
10821	209	UGCCGUCG A UCAGGCUC	14163	GAGCCTGA GGCTAGCTACAACGA CGACGGCA	34545
10831	199	CAGGCUCA A CAUAGCCC	14164	GGGCTATG GGCTAGCTACAACGA TGAGCCTG	34546
10851	179	UCAGUCCA A UCAAGGAC	14165	GTCCTTGA GGCTAGCTACAACGA TGGACTGA	34547
10858	172	AAUCAAGG A CAACACGC	14166	GCGTGTTG GGCTAGCTACAACGA CCTTGATT	34548
10861	169	CAAGGACA A CACGCGGG	14167	CCCGCGTG GGCTAGCTACAACGA TGTCCTTG	34549
10893	137	GCAUAUUG A CAGCCCGG	14168	CCGGGCTG GGCTAGCTACAACGA CAATATGC	34550
10930	100	UUUCUUAG A CAUCGAGA	14169	TCTCGATG GGCTAGCTACAACGA CTAAGAAA	34551
10938	92	ACAUCGAG A UCUUCGUG	14170	CACGAAGA GGCTAGCTACAACGA CTCGATGT	34552
10954	76	GCUAAGAA A CAGCUCGC	14171	GCGAGCTG GGCTAGCTACAACGA TTCTTAGC	34553
1			1		

14172 AACAACAA GGCTAGCTACAACGA TAACACAG 34554

14174 TAGTAGTG GGCTAGCTACAACGA TTGTGAGG 34556

34555

14173 TGTGAGGA GGCTAGCTACAACGA TAACAACA

Input Sequence = AF196835_rc. Cut Site = R/Y
Arm Length = 8. Core Sequence = GGCTAGCTACAACGA
AF196835_rc reverse complement of West Nile virus strain NY99-flamingo38299, complete genome

CUGUGUUA A UUGUUGUU

UGUUGUUA A UCCUCACA

CCUCACAA A CACUACUA

10972

10982

10992

58

48

38

Table XII: WNV minus strand Amberzyme and Target Sequence

Table XII

Pos	Pos (+str)	Substrate	Seg ID	Ribozyme	Rz Seq ID
20	11020	GAUCCUGU G UUCUCGCA	12272	UGCGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGAUC	34557
16	11014	GUGUUCUC G CACCACCA	12273	UGGUGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAACAC	34558
25	11005	CACCACCA G CCACCAUU	12274	AAUGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGGUG	34559
34	10996	CCACCAUU G UCGGCGCA	12275	UGCGCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAUGGUGG	34560
38	10992	CAUUGUCG G CGCACUGU	12276	ACAGUGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACAAUG	34561
40	10990	UUGUCGGC G CACUGUGC	12277	GCACAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCGACAA	34562
45	10985	GGCGCACU G UGCCGUGU	12278	ACACGGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGUGCGCC	34563
47	10983	COCACUGU G CCGUGUGG	12279	CCACACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGUGCG	34564
20	10980	ACUGUECC & UGUGECUG	12280	CAGCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCACAGU	34565
52	10978	uevacceu a vaccueau	12281	ACCAGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGCACA	34566
55	10975	accanana a cuaannan	12282	ACAACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACGGC	34567
59	10971	ususacus s unsuscas	12283	CUGCACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCACA	34568
62	10968	ageuaguu a ugeaaage	12284	GCUCUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGCC	34569
64	10966	cueguueu e caeaecae	12285	CUGCUCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACAACCAG	34570
69	10961	O	12286	AUCUUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGCACA	34571
84	10946	AUCUCCUA G UCUAUCCC	12287	GGGAUAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGAGAU	34572
98	10935	UAUCCCAG G UGUCAAUA	12288	UAUTIGACA GGAGGAACTICCCUTICAAGGACAUCGUCCGGG CUGGGAUA	34573
97	10933	UCCCAGGU G UCAAUAUG	12289	CAUAUUGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCUGGGA	34574
105	10925	GUCAAUAU G CUGUUUUG	12290	CAAAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAUUGAC	34575
108	10922	AAUAUGCU G UUUUGUUG	12291	CAACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUAUU	34576
113	10917	acadanaa a andadeaa	12292	CACCACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACAGC	34577
116	10914	autureur e uceueuru	12293	AAACACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAC	34578
119	10911	unaumana a uaumnan	12294	ACABARCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAACAA	34579
121	10909	amenean e munenee	12295	CCACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAAC	34580
126	10904	gauguum a uggcacge	12296	CCGUGCCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAACACC	34581
129	10601	апиливив в съсвевви	12297	ACCCCGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CACAAAAC	34582
136	10894	GGCACGGG G UCUCCACU	12298	AGUGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCGUGCC	34583
153	10877	AACCUCUA G UCCUUCCC	12299	GGGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGAGGUU	34584
172	10858	b G	12300	GACUGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUAGGUC	34585
178	10852	0	12301	CAGCCUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGCUG	34586
183	10847	Đ.	12302	CGCCCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUGACUGA	34587
188	10842	U	12303	GUGCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGCCUG	34588
191	10839	Ø	12304		34589
193	10837	Ö	12305	. 1	34590
205	10825		12306	AGACCCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGUUUAAA	34591
210	10820	ACCGCGGG G UCUCCUCU	12307	AGAGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCGCGGU	34592

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235 10795 GUCCUUTO G CCCUGGUG 12319 AACCAGGG GAAGGAAACUCCCUUCAAGGAG 241 10789 UGCCCUGG G UMACACC 12310 GGGGUGAA GGAGGAAACUCCCUUCAAGGAG 255 10781 UUACCGGG G CUAGGGC 12311 GGCCCCAGG GAGGAAACUCCCUUCAAGGAG 265 10782 UUACCGGG C CAGGGGG 12312 CCCCCAGG GAGGAAACUCCCUUCAAGGAG 266 10782 UUAGGGCG G UGGGGGG 12313 GCCCCCAGG GAGGAAACUCCCUUCAAGGAG 277 10763 GGGGGGG G UGGGGG 12313 ACCCCAGG GAGGAAACUCCCUUCAAGGAG 277 10763 GGGGGGG G UGGGGGG 12313 ACCCAGGG GAGGAAACUCCCUUCAAGGAG 277 10763 GGGGGGG G UUGGGUU 12313 AACCAACCG GGAGGAAACUCCCUUCAAGGAG 281 10749 GGGGGUGG G UUGGGUU 12313 AACCAACCCCCUUCAAGGAGA 281 10749 GGGCGUU CUUCACCCC 12313 AGGGGAAACUCCCUUCAAGGAGA 281 10749 GGCGGUU CUUCACCCC 12313 AGGGGAAACUCCCUUCAAGGAGA 282 10748 GGCGCUU CUUCACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	227 1	10803	AACCUCUA G UCCUTUCG	12308	CGAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGAGGUU	34593
10789 UCGCCCUG G UUAACACC 12310 GGUGUUDA 10781 UUAACCGGG G CUAGGGCC 12311 GGCCCUAG 10762 GGGCUAGG G CUAGGGCC 12313 GCCCCACGG 10762 GGGCUAGG G CGGGGGCG 12314 GCCCCACGG 10760 AGGGCCGG G UGGGCGCG 12315 ACGCCCCCACG 10753 CGGGGGGG G UGGGCCUU 12316 AACCCACG 10715 CGGCGUGG G UUGGCCUU 12316 AACCCACG 10715 CGGCGUGG G UUGGCCUU 12317 AAGGCAACG 10715 CGCGGGGG G UUGGCCUU 12317 AAGGCAACG 10715 CGCGGGUGG G CCCUUGCUU 12317 AAGGCAACG 10715 CUCCUGGG G CACUCUCC 12321 CGAGGCAACG 10715 CUCCUGGG G CACUCUCC 12321 CGAGGCAACG 10715 CUCCUGGG G CACUCUCC 12323 CGAGGCAACG 10680 CACUCUCC G CACACACGC 12324 CCACGCCACG 10680 AGCACACGC 12324 CCACGCCACG 10680 AGCACACGC G UAGCCACGC 12325 CGCGCACACG 10680 AGCACACGC G UAGCCACGC 12325 CCACGCCACG 10680 AGCACACGC G UAGCCACGC 12325 CCACGCCACG 10680 AGCACACGC G UAGCCACGC 12324 CCACGCACG 10680 AGCACACACG G UAGCCACGC 12330 CCACGCCACG 10680 AGCACACACG G UAGCCACG G UACCACCC G UAGCCACG G UACCACCC G UAGCCACG G UACCACCC G UACCACCC G UAGCCACG G UACCACCC G UACCACC G UACCACCC G UACCACC G UACCACC G UACCACCC G UACCACC G UACCACC G UACCACCC G UACCACC G UACCACCC G UACCACCC G UACCACCC G UACCACCAC G UACCACCAC G UACCACC G UACCACC G UACCACC G UACCACCAC G UACCACCAC G UAC	┝	0795	r U	12309	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34594
10771 UNACCGGG G CUAGGGCC 12311 GGCCCUAG 10765 GGGCUAGG CCGCGUGG 12312 CCACGCGG 10762 CUAGGGCC CCGUGGGC 12313 GCCCCACG 10760 AGGGCCCCA 12314 ACCCCCCA 10751 CGCGUGGG G UGGGCGU 12315 ACCCCCCA 10753 CGCGUGGG G UGGGCCU 12316 AACCACCAA 10749 GGCGUUGG G UUGGCUU 12319 AGGCCCAA 10719 GGCGUUGG G UUGGCUU 12319 AGGGCAAA 10710 GUCCUCGG G UUGGCUU 12320 CAAGCCAA 10711 GCACUAUC G CACUACCG 12321 GCAGGCAAA 10710 UUAACCCA UUCACCAGA 12322 GCAGGCUA 10680 UUACCCCAG UCACCCCAGA 12322 GCAGGCUA 10680 UUCACCAGA UACACCCAGA 12322 GCAGGCUA 10680 UCACCACAGA UCACCACAGAA 10680 ACACCCCCA 10680 UCACCACAGAA	┢	0789	9	12310	GGUGUUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCGA	34595
10765 GGGCUAGG G CCGCGUGG 12312 CCACGCGGG 10762 CUAGGGCC G CGUGGGGC 12313 ACCCCACG 10755 CGCGUGGG G UGGGUCGU 12314 ACCCCCACG 10753 CGUGGGGG G UGGGUUGU 12315 AACCCAACG 10745 GGCGCGUGG G UUGGUUU 12315 AACCCAACG 10745 GGGGGUGU G UUGACCUU 12316 AACCAAGG 10745 GGGGGUUU G UUGACCUU 12317 AAGGCCAA 10745 GGGGGUUU G UUGACCUU 12317 AAGGCCAA 10739 UUGCCUUU G UUGACCCU 12326 CCAGGCAA 10739 UUGCCUUU G UUAACCCA G UCCUCCUG 12321 CGAUAGUG 10710 CUCCUGGG G CACUAUCG 12321 CGAUAGUG 10640 CCACAGACU CACACCCC G UAGCCCGG 12325 GCGUGCUA 10640 CCCCAAGACG CACACCCC G UAGCCCGG 12326 CCACGCCC 10640 CCCCGUACGG 12326 CCACGCCCG 10660 ACCACGCC G UAGCCCGG 12326 CCACGCCCG 10660 ACCACGCG G UAGCCCGG 12326 CCACGCCCG 10660 ACCACGCG G UCCACACG 12331 CCUCCACG G UAGCCCG G UAGCCCGG 12332 CCUCCACG G UCCUCCUU 12334 CGUCCCCCC G UAGCCCGG G UCCUCCUU 12335 CUCCAGAGA 10650 CCCCGUACG G UUCCACACG 12334 CCUCCACG G UUCCACG G UUCCACG G U	┢	0771	ט	12311	GGCCCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCCGGUAA	34596
10762	╁╴	.0765	U	12312	CCACGCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCUAGCCC	34597
10760 AGGGCGC G UGGGGCGU 12314 ACCCCCA 10755 CGCGUGGG G CGUUGGUU 12315 AACCAACG 10753 CGUGGGG G UUGGCUUGU 12315 AACCAACG 10745 GUUGGCUU G UUGCCUU 12319 AACAAAGG 10745 GUUGGCUU G UUGCCUU 12319 UGGGUUAA 10739 UUGCCUUU G UUACCCA 12320 CAGAGGAGU 10719 CCUCCUGG G CACUAUCG 12321 CGAUAGUG 10711 GCACAGACU G CACUCUCC 12323 GCAGAGUU 10701 CCUCCUGG G CACUAUCG 12323 GCAGAGUU 10680 AGCACACG G CACUAUCG 12324 CCACGCUUA 10680 AGCACACG G CACUAUCG 12325 GCAGUCUU 10680 AGCACACG G CACUACCG 12327 CCACGCUUA 10680 AGCACACG G CACUACCG 12323 GCAGAGAGU 10680 AGCACACG G CACUCUCC 12323 GCAGACACG 10680 AGCACACG G CACUCUCC 12323 GCAGACACG 10680 AGCACACG G CACUCACG 12329 ACCGCCUUA 10677 AGCCCGUA G CCCUCACACG 12329 ACCGCCCU 10677 AGCCCGUA G UCCUCCUU 12331 UCUCCACG 10670 AGCACACG G UUACACACA 12331 UCUCCACG 10671 CCCGAGACG G UUACACACA 12331 CCUCCAGAA 10672 CCCGAGACG G UUACACACA 12333 CCUCCAGAA 10673 ACCCGACGC G UCCUCCUU 12335 ACCGCCCCACG 10670 ACCCGCCUU G UCCUCCUU 12335 CCUCCAGAA 10671 CCCGAGACG G UUCCCCUU 12335 CCUCCAGAA 10671 CCCGAGACG G UUCCCCUU 12335 CACCCCCC 10570 ACCCCCCCUCACG 12331 CCCCCCCCCC 10570 ACCCCCCCUCCUC 12335 CACCCCCCC 10570 ACCCCCCCUCCCCCUCCCCCCCCCCCCCCCCCCCCCCC	十	.0762	ט	12313	GCCCCACG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGCCCUAG	34598
10755 CGCGUGGG G CGUUGGUU 12315 AACCAACG 10753 CGUGGGGUU G UUGGUUUG 12316 CAAACCAA 10749 GGGCGUU G UUGGUUU 12317 AAGGCAA 10745 GUUGGCUU G UUGCCUU 12319 UGGGUUAA 10739 UUGCCUUU G UUAACCCA 12320 CAGGAGGA 10730 UUAACCCA G UCCUCUC 12321 CAGGAGGA 10711 GCACUANC G CAGCCGU 12322 GCAGGAGU 10659 CUCCGCAGA G UAGCACGC 12323 GCAGGCGUA 10680 UCCCGCAGA G UAGCACGC 12323 GCAGGCGUA 10681 AGUAGCAC G CAGCACGC 12326 ACCGCGCUA 10680 UCCCGCAGA G UAGCACGC 12323 GCAGGCGUA 10680 AGCACGCC G CAGGCCG 12324 CCACGCCC 10680 ACCCCGUAC GCACGCCG 12326 ACCCCGCA 10680 ACCCCGUAC GCACGCCG 12332 CCACGCCA 10680 ACCCCGUA GCACGCCG 12332 CCACGCCCA 10680 ACCCGUACA GCCC	┢	.0760		12314	,	34599
10753 CGUGGGGC G UUGGUUUG 12317 AAGAAAG 10749 GGGCGUUG G UUUGCCUU 12317 AAGGCAAA 10745 GUGGCGUUG G UUUGCCUU 12318 AACAAAGG 10739 UUGACCUUU G UUAACCCA 12320 CAGGAGGA 10730 UUAACCCA G UCCUCUG 12320 CAGGAGGA 10731 CUCCUGGG G CACUNUC 12321 CAGGAGGA 10704 CCCCUCCG G CAGGCCGC 12322 GCAGGCUG 10680 CACUCUCC G CAGCCCGC 12323 GCAGGCUG 10681 AGCACACAC G CAGCCCGC 12323 GCAGCCUC 10680 AGCACACAC G CACGCCGC 12325 ACGCCGUA 10680 AGCACACAC G CACGCCGC 12325 ACGCCGUA 10680 AGCACACAC G CACGCCGC 12323 ACGCCGUA 10680 AGCACACC G CACGCCGC 12323 ACGCCGUA 10680 AGCACACC G CACGCCGC 12332 CACCUCCC 10671 ACGCCGUA G CACGCCGC 12332 CACCUCCC 10680 AGCACACCC CACGCGUA 12333 A	+-	0755	O	12315		34600
10749 GGGCGUUG G UUUGCCUU 12317 PAGGCAAA 10745 GUUGGUUU G CCUUUGUU 12318 AACAAAGG 10730 UUGCCUUU G UUAACCCA 12319 UGGGUUAA 10730 UUGCCUUU G UUAACCCA 12321 CAGGAGGA 10710 CUCCUGGG G CACUAUCG 12321 CAGGAGGA 10711 GCACUAUC G CAGACUGC 12323 GCAGUCUG 10635 CACUCUCC G CAGAGUAG 12324 CUACUCUG 10630 UCCGCAGA G UAGCACGC 12325 GCAGUCUG 10630 UCCGCAGA G UAGCACGC 12324 CUACUCUG 10630 UCCGCAGA G UAGCACGC 12324 CUACUCUG 10630 AGCACGCC G UAGCGUGG 12326 ACGGCGUAG 10640 AGCACGCC G UAGCGUGG 12324 CUACACCG 10640 AGCACGCC G UAGCGUGG 12324 CACCGCCCA 10640 AGCACGCC G UAGCGUGG 12332 CCUCCACG 10640 AGCACGCC G UAGCGUGG 12332 CCUCCACG 10640 AGCACGCC G UAGCGUGG UUCCACAC 12333 UGUUCACAG 10640 AGCACACCG G UUCCACAC 12334 GGACCCCC 10640 AGCACACC G UUCCACG G UUCCACG 12335 AGGACCCC G UACCACG G UUCCACG G UUCCACG G UCCCCCU 12335 ACGCCCCC G UACCACCG G UUCCACG G UCCCCCC G UCCCCCC G UCCCCCCC G UCCCCCCC G UCCCCCCC G UCCCCCC G UCCCCCCC G UCCCCCCC G UCCCCCCC G UCCCCCCC G UCCCCCC G UCCCCCCC G UCCCCCC G UCCCCCCCC	\vdash	.0753	Ø	12316	CAAACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCCACG	34601
10745 GUUGGUUU G CCUUUGUU 12318 AACAAAGG 10739 UUGCCUUU G UUAACCCA 12319 UGGGUUAA 10730 UUAACCCA G UCCUCCUG 12320 CAGGAGGA 10711 CUCCUGGG G CACUAUCG 12321 CAGGAGGA 10712 CUCCUGGG G CACUAUCG 12322 GCAGUCUG 10704 CGCAGACU G CAGAGUAG 12323 GCAGUCUG 10695 CACUCUCC G CAGAGUAG 12324 CUACUCUG 10696 UCCAGAGCU G CAGAGUAG 12324 CUACUCUG 10697 CACUCUCC G CAGAGUAG 12325 GCGUGCUA 10687 ACACCGCU UAGCACGC 12326 ACGCCGUA 10687 ACACCGUA CACUCUCA 12333 CCACGCCA 10680 ACCCGUAGA UCCACCCCA 12334 ACGCCGCA 10670 ACCCCGUA UCCACCCCA 12334 ACGCCGCA 10672 GACCUCUCA UCCACCCCA 12334 ACUCCACA 10673 CACUCUCA 12334 ACUCCACA 10642 UNCACCACA<	┢	0749	0	12317	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34602
10739 UUGCCUUU G UURACCCA 12319 UGGGUUBA 10730 UURACCCA G UCCUCCUG 12320 CAGGAGGA 10719 CUCCUGGG G CACURUCG 12321 CAGGAGGA 10711 GCACURUC 12322 GCAGUCUG 10704 CGCAGACU CACUCUCC 12323 GCAGUCUG 10695 CACUCUCC CAGAGUAG 12324 CUACUCUG 10687 GCCAGACU CACCCGUA 12325 GCGGGCUA 10689 UCCGCAGAC CACCCGUA 12326 CCGCGCCA 10687 GCCAGACUC CACCCCGUA 12326 CCGCGCCA 10689 UCCGCAGAC CACGCCGUA 12328 CCACGCCA 10680 AGACACGC CACGCAGAC 12328 CCACGCCA 10681 AGACACGC CACGAGACA 12328 CCACGCCA 10680 AGACACGC UAGACCCA 12328 CCACGCCA 10681 ACGCCGUA UAGACCCA 12339 UCACGCCA 10662 GCCUUAGAC UAGACCCA 12334 <td>┢</td> <td>.0745</td> <td>D G</td> <td>12318</td> <td>,</td> <td>34603</td>	┢	.0745	D G	12318	,	34603
10730 UURACCCA G UCCUCCUG 12320 CAGGAGGA 10719 CUCCUGGG G CACUANCG 12321 CGAUAGUG 10711 GCACUANC G CACUCUCC 12322 GCAGUCUG 10704 CGCAGACUC 12323 GCAGUCUG 10695 CACUCUCC G CAGAGUAG 12324 CUACUCUG 10687 GCAGAGUA 12325 GCAGCGUA 10689 UCCGCAGAGUA 12326 ACGCCGUA 10680 UCCGCAGAGUA 12326 ACGCCGUA 10680 AGCACGCC UAGCACGC 12326 ACGCCGUA 10680 AGCACGCC UAGCACGC 12328 CCACGACCA 10680 AGCACGCC UAGCACGC 12328 CCACGCACA 10671 ACGCCGUA G CUUGACA 12339 UCACGCCA 10672 GUAGACGC UAGCACCA 12339 UCACGCCA 10673 GUAGACGC UAGCACCA 12339 UCACGCCA 10660 GUAGACCA 12334 GUACACCCA 10672 GUAGACCA 12334 <td>┢</td> <td>0739</td> <td>Ð</td> <td>12319</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34604</td>	┢	0739	Ð	12319	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34604
10719 CUCCUGGG CACUAUCG 12321 CGAUAGUG 10711 GCACUAUC CAGACUGC 12323 GCAGUCUG 10711 GCACUAUC CACUCUCC 12323 GCAGUCUG 10695 CACUCUCC CACUCUCC 12324 CUACUCUG 10680 UCCGCAGA UAGCACGC 12325 ACGGCGUG 10681 AGUAGCAC CACUCCCG 12326 ACGCGUG 10682 AGUAGCAC CACUAGCG 12326 ACGCGUG 10683 AGUAGCAC CACUAGCG 12326 ACGCGUG 10680 AGCACGCC UAGCCCUG 12328 CCACGCUG 10671 ACGCCGUA CACUAGCG 12329 ACGCGUA 10672 GUAGCCGUA CACUAGCG 12339 UCACGCCA 10673 ACGCCGUA CAUACACA 12334 GCUCCACA 10642 UACACACA UACACACA 12334 GCUCCACA 10650 GCCUUCGA UCCUCACA 12334 GCUCCACA 10651 U	十	0730	o	12320	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34605
10711 GCACUAUC G CAGACUGC 12322 GCAGUCUG 10704 CGCAGACU G CACUCUCC 12323 GGAGAGUG 10695 CACUCUCC G CAGAGUAG 12324 CUACUCUG 10690 UCCGCAGA G UAGCACGC 12325 GCGUGCUA 10687 GCAGAGUA G CACGCCGU 12326 ACGGCGUG 10689 AGCACGCC G UAGCCGU 12326 ACGCGUA 10680 AGCACGCC G UAGCCUG 12329 ACGCGUA 10672 GUAGCCGUA G CCCUNGAC 12329 ACGCGUA 10673 ACGCCGUA G CCCUNGACU 12329 ACGCCGUA 10674 ACGCCGUA G CCCUNGACU 12339 ACGCCGUA 10675 GCCGUAGC G UAGCCUC 12339 ACGCCGUA 10676 GCCGUAGC G UCUCACAC 12331 AUGUCACA 10670 GCCGUAGG G UCUCACAC 12334 GCUCGACA 10671 UACACACA 12334 GCUCGACA 10672 UACACCACA 12334 GCUCGACA 10630 UCCUCACAC 12334 GCUCGACACA 10650 </td <td>┞</td> <td>0719</td> <td>ט</td> <td>12321</td> <td>CGAUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCAGGAG</td> <td>34606</td>	┞	0719	ט	12321	CGAUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCAGGAG	34606
10704 CGCAGACU G CACUCUCC 12323 GGAGAGUG 10695 CACUCUCC G CAGAGUAG 12324 CUACUCUG 10690 UCCGCAGA G UAGCACGC 12325 GCGUGCUA 10687 GCAGAGUA G CACGCCGU 12326 ACGGCGUG 10689 AGUAGCAC G CACGCCGU 12326 ACGCGUA 10680 AGCACGCC G UAGCCGUG 12329 ACGCGUA 10677 ACGCCGUA G CCGUAGCG 12329 ACGCGUA 10678 GCCGUAGC G UAGCCUCA 12329 AGACCACG 10670 ACGCCGUA G CCGUAGACA 12339 UCAGACCA 10671 ACGCCGUA G CCUUGAAACA 12331 AUGUCAGAA 10672 GUAGCCGUA G UCCUCCAAA 12333 UGUUCAAAA 10642 UACAACAU G UCCUCCUC 12334 GCUCCAAAAAA 10643 UACACCAU UACACCCAA 12335 AAGGAGGA 10640 UACACCAU UACACCCAA 12334 CCUCAAAAA 10650 UCCUCAGAG 12334 CAUGACAGA 10651 UUCCACCAA 12334 <td< td=""><td>┢</td><td>.0711</td><td>ט</td><td>12322</td><td>GCAGUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUAGUGC</td><td>34607</td></td<>	┢	.0711	ט	12322	GCAGUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUAGUGC	34607
10695 CACUCUCC G CAGAGUAG 12324 CUACUCUCG 10690 UCCGCAGA G UAGCACGC 12325 GCGUGCUA 10687 GCAGAGGA G UAGCACGC 12326 ACGGCGUG 10683 AGUAGCAC G CCGUAGCG 12327 CGCUACGG 10680 AGCACGCC G UAGCCGUG 12328 CCACGCUA 10677 ACGCGUAG G CCGUAGCG 12328 CCACGCCA 10678 GCCGUAGC G UAGCCGUG 12329 AGACCACG 10679 GCCGUAGC G UAGCCGUG 12339 UCAGACCA 10670 GCCGUAGC G UACCACA 12331 AUGUCAGA 10672 GUAGAUUGG G CUUCGACA 12333 UCUCCACA 10650 GACAUUGAA G UACCACA 12334 GGACCCCA 10641 UACCACAU 12334 GGACCCCA 10650 GCCUUCGAG G UCUCCACU 12334 GCACGAGGA 10651 UACCACACA 12334 GCACGAGGA 10652 GCUUCGAG G UCUCCCCU 12334 GCACGAGGA 10653 AUCCACCCA 12335 CAUGAGGA 1	┝	0704	O	12323		34608
10690 UCCGCAGA G UAGCACGC 12325 GCGUGCUA 10687 GCAGAGGA G CACGCCGU 12326 ACGGCGUG 10683 AGUAGCAC G CCGUAGCG 12327 CGCUACGG 10680 AGCACGCC G UAGCCGUG 12328 CCACGCUA 10677 ACGCGUAG G CGUAGCG 12329 AGACCCCA 10675 GCCGUAGC G UAGCCUC 12329 AGACCCACA 10676 GCCGUAGC G UGCUCCACA 12331 AUGUCAGA 10670 GCCGUAGC G UUCCCACA 12331 AUGUCAGA 10671 GACAUUGG G CUUCGACA 12333 UGUUCAGA 10672 GACAUUGG G CUUCGACA 12334 GGACCCCA 10637 CAUGAGG G UCCUCCUU 12334 GGACCCCA 10639 AUCACACA 12334 GAACCCCA 10640 UCCAGAGC G UCCUCCUU 12335 AAGGAGGA 10650 AUCACCCCA 12334 GAACCCCA 10650 ACUCAGGG G UUCCUCCUU 12335 CAUGAGCG 10650 ACCACGAGG G UUCCCCCA 12336 CAUGAGCG	┝	.0695	O	12324	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34609
10687 GCAGAGUA G CACGCCGU 12326 ACGGCGUA 10683 AGUAGCAC G CCGUAGCG 12327 CGCUACGG 10680 AGCACGCC G UAGCGUGG 12328 CCACGCUA 10677 ACGCGUAG G CGUGGUCU 12329 AGACCACG 10672 GUAGACUGG G UGCUCUGA 12330 UCAGACCA 10660 GACAUUGAG G UUCGACA 12331 AUGUCAGA 10652 GCUUUGAA G UUACACA 12333 UGUUCAGA 10642 UACAACAU G UGGGUCC 12334 GGACCCCA 10630 CCAGGGGG G UUCUGAGG 12334 GGACCCCA 10642 UACAACAU G UGGGGGG 12334 GGACCCCA 10650 CCAGGGGG G UUCUGAGG 12335 AAGGAGGA 10651 UUCUGAGG G UUCUGAGG 12336 CAUGUGAGA 10559 AUCACCCCA 12336 CAUGAGAGA 10580 ACCCCCAA 12336 CAUGAGAGA 10581 AUCACCCCA 12336 CAUGAGAGA 10582 GCGGCUUUG 12336 CAUGAGAGA 10583	╁	0690	Ø	12325	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34610
10683 AGUAGCAC G CCGUAGCG 12327 CGCUACGG 10680 AGCACGCC G UAGCGUGG 12328 CCACGCUA 10677 ACGCCGUA G CGUGGUCU 12329 AGACCACG 10675 GCCGUAGC G UAGCCUA 12330 UCAGACCA 10672 GUAGCGUG G UCCUCCA 12331 AUGUCAGA 10650 GACAUUGAA G UUACAACA 12333 UGUUCAAAG 10652 GCUUUGAA G UUACAACA 12333 UGUUCAAAG 10642 UACAACAU G UGGGCUCC 12334 GGACCCCA 10630 CCGAGACG G UUCUGAGG 12334 GGACCCCA 10641 UUCUGAGG G UUCUGAGG 12335 AAGGAGGA 10550 AUCACCUC 12335 CAUGAGAG 10550 AUCACCUC 12335 CAUGAGAGA 10550 AUCACCCCA 12336 CAUGAGAGA 10580 AUCACCCCA 12336 CAUGAGAGA 10580 ACCGCUUG 12336 CAUGAGAGA 10580 ACCGCUUG 12334 GACGAGGGA 10580 GGGGUUGA </td <td>┢</td> <td>0687</td> <td>1</td> <td>12326</td> <td>ACGGCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACUCUGC</td> <td>34611</td>	┢	0687	1	12326	ACGGCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACUCUGC	34611
10680 AGCACGCC G UAGCGUGG 12328 CCACGCUA 10677 ACGCGUAG G CGUGGUCU 12329 AGACCACG 10672 GCGGUAGC G UGGUCUGA 12330 UCAGACCA 10672 GUAGCGUG G UCUCGAU 12331 AUGUCAGA 10660 GACAUUGA G UUACACA 12332 CUUCAAAG 10642 UACAACAU G UGGGGUCC 12333 UGUUGUAA 10637 CAUGUGGG G UCCUCCUU 12334 GGACCCCA 10630 CCAGAGACG G UCCUCCUU 12335 AAGGAGGA 10611 UUCUGAGG G UCCUCCUU 12335 AAGGAGGA 10530 AUCACCCC 12336 CCUCAGAA 10590 ACUCGAGG G UUCCUCCUU 12335 CAUGUAAG 10590 ACUCGCG G UUCCCCCA 12336 CAUGGUGAA 10590 ACUCGCG G UUCCCCCA 12336 CAUGGGGAA 10561 UUCACCCA UCCUCAGAA 12340 CAGGAGGAA 10562 GCGGCUUG 12340 CGGGUGAA 10563 GCGGGUUGA UCCCCCAA 12340 CGGGUGAA<	┢╌	.0683	២	12327	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34612
10677 ACGCCGUA G CGUGGUCU 12329 AGACCACGA 10675 GCCGUAGC G UGGUCUGA 12330 UCAGACCA 10672 GUAGCGUG G UCGUCUGA 12331 AUGUCAGA 10660 GACAUUGGA G UUNCACA 12332 CUUCAAAG 10642 UACAACAU G UGGGUCC 12333 UGUUGUAA 10637 CAUGUGGG G UCCUCCUU 12335 AAGGAGGA 10630 CCAGAGACG G UUCUGAGG 12336 CCUCAGAG 10611 UUCUGAGG G UUCUGAGG 12336 CCUCAGAA 10590 AUCACUUC CGGCUUUG 12336 CAUGGAGA 10591 AUCACCUC 12336 CAUGGUGAA 10582 AUCACCUC 12336 CAUGGUGAA 10583 AUCACCUC 12336 CAUGGUGAA 10584 AUCACCCA 10GGGUGAA 12340 UGGGGUGAA 10585 AUCCUCGAG UCCUCCCAA 12342 CGGGUGCAA 10586 GGGGUUGA UCCCCCAA 12343 GCUGCCGAA 10587 GUGGGUGA UCCCCCAA	┢	0890	O	12328	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34613
10675 GCCGUNGC G UGGUCUGA 12330 UCAGACCA 10672 GUAGCGUG G UCUGACAU 12331 AUGUCAGA 10660 GACAUUGGA G UUUCGAG 12332 CUUCAAAG 10652 GCUUUGAA G UUACAACA 12333 UGUUGUAA 10642 UACAACAU G UGCGCUU 12334 GGACCCCA 10637 CAUGUGGG G UCUCAGG 12335 AAGGAGGA 10610 UCCGAGACG G UUCUGAGG 12336 CCUCAGAA 10611 UUCUGAGG G CUUACAUG 12336 CAUGAGAA 10590 ACUCGGG G CUUACAUG 12336 CAUGAGAA 10591 AUCACUUC G CGGCUUUG 12336 CAUGAGAAA 10582 ACCUCGGG G CUUCACCCA 12340 CAGGAGGA 10583 ACCCUGGG G UUCACCCA 12341 CAGGAGGA 10566 CUCCUGGG G UUCACCCA 12342 CGACUCCAA 10567 UUCACCCA 12342 CGACUCCAA 10560 GGGGUUGA G UCACACGC 12343 GCUGCCGA 10551 GUGGGUUGA G CACCACCC 12343 GCUGCCCGA	╁	7790.	O	12329	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34614
10672 GUAGCGUG G UCUGACAU 12331 AUGUCAGAG 10660 GACAUUGGA 12332 CUUCAAAG 10652 GCUUUGAA G UUACAACA 12333 UGUUGUAA 10642 UACAACAU G UGGGGUCC 12334 GGACCCCA 10620 CCGAGACG G UUCUGAGG 12335 AAGGAGGA 10611 UUCUGAGG G CUUACAUG 12336 CCUCAGAA 10590 AUCACUUC G CGGCUUUG 12337 CAUGUGAAA 10591 AUCACCUC G CGGCUUUG 12336 CAAAGCCG 10585 ACUCGGG G CUUUGUUC 12336 CAAAGCCG 10586 ACUCCGGG G CUUUGUUC 12336 CAAGGCGG 10586 ACCGGCUU 12340 CGGGUGAA 10566 CUCCCGGG G CUUUGUUC 12341 CAGGCCGG 10566 CUCCCGGG G CUUUGUUC 12342 CCGGCCCGA 10566 GGGGGUUGA G CUCCCCGG 12342 CCGCGCCGG 10560 GGGGGUUGA G CCCCCGG 12343 GCCUGCGG 10551 AGUCCCCAG G CCCCCGG 12343 GCGCGCGG </td <td>\vdash</td> <td>5690</td> <td>o U</td> <td>12330</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34615</td>	\vdash	5690	o U	12330	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34615
10660 GACAUUGGA G CUUUGAAG 12332 CUUCAAAAG 10652 GCUUUGAA G UUACAACA 12333 UGUUGUAA 10642 UACAACAU G UGGGGUCC 12334 GGACCCCA 10637 CAUGUGGG G UCCUCAU 12335 AAGGAGGA 10610 UCCGAGACG G UUCCAAG 12336 CCUCAGAA 10590 AUCACUUC G CGGCUUUG 12337 CAUGUGAAG 10590 ACUCCGCG G CUUACAUG 12338 CAAAGCCG 10590 ACUCCGCG G CUUACAUC 12338 CAAAGCCG 10580 ACUCCGCG G CUUACACCA 12340 UGGGUGAA 10581 GCGGCUUU UUCACCCCA 12340 UGGGGUGAA 10562 CUCCUGGG G UCUACACG 12341 CAGGAGGAA 10563 GGGGUUGA G UCCCCCGG 12342 CGACUCCAA 10564 GGGGUUGA G UCCCCCGG 12342 CCGACUCCAA 10555 GUCCCGGG G UCCCCGG 12343 GCUGCCGG 10553 AGUCCCCAG 12345 GCGGUCCG 10554 GCGCAGGCA G UCUACACC 12346 GCGGUG	⊢	.0672	O	12331	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34616
10652 GCUUUGAA G UUACAACA 12333 UGUUGUAA 10642 UACAACAU G UGGGGUCC 12334 GGACCCCA 10637 CAUGUGGG G UCCUCCUU 12335 AAGGAGGA 10610 UUCUGAGG G UUCUGAGG 12336 CCUCAGAA 10530 AUCACUUC G CGGCUUUG 12337 CAUGUAAG 10590 ACUUCGCG G CUUACACCA 12338 CAAAGCCG 10581 AUCACCUC G CGGCUUUG 12339 GAACAAAG 10582 GCGGCUUU UUCACCCCA 12340 UGGGGUGAA 10565 CUCCUGGG G UCUACACCA 12341 CAGGGUGAA 10566 CUCCUGGG G UCUACACCA 12342 CGACUCCAA 10566 CUCCUGGG G UCUACACCA 12342 CGACUCCAA 10566 CUCCUGGG G UCUACACCA 12342 CCGACUCAA 10556 CUCCUGGG G UCUACACCA 12342 CCGACUCCAA 10556 GUCCCUGGG G UCUACACCA 12343 GCCUGCCAA 10557 GUGGGUUGA G UCGCACCCA 12342 CGGCUCCAA 10550 GCGCAGGCA G CACCACCCA 12343<	t	0990	Ø	12332	CUUCAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAAUGUC	34617
10642 UACAACAU G UGGGGUCC 12334 GGACCCCA 10637 CAUGUGGG G UCCUCCUU 12335 AAGGAGGA 10610 CCGAGACG G UUCUGAGG 12336 CCUCAGAA 10611 UUCUGAGG G CUUACAUG 12337 CAUGUGAGG 10590 ACUCACUU G CGGCUUUG 12338 CAAAGCCG 10585 GCGGCUUU UUCACCCA 12340 UGGGGGAA 10576 UUCACCCA 12340 UGGGGGAA 10565 CUCCUGGG G UCACCCAG 12341 CAGGAGGA 10566 CUCCUGGG G UCACCCAG 12342 CGACUCAA 10567 UUCACCCA 12343 GCCUGCGA 10569 GGGGUUGA G UCACCAGGC 12343 GCCUGCGA 10560 GGGGUUGA G UCACCAGGC 12343 GCCUGCGA 10550 GGGGUUGA G UCACCAGGC 12343 GCCUGCCA 10551 AGUCCCAG 12344 GCUGCCUG 10552 CGCAGGCA 12345 GCGUCCUG 10553 GCAGCAGCA 12346 AGACGGUG 10545	┼-	0652	Ø	12333	UGUUGUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAAGC	34618
10637 CAUGUGGG G UCCUCCUU 12335 AAGGAGGA 10620 CCGAGACG G UUCUGAGG 12336 CCUCAGAA 10611 UUCUGAGG G UUCUGAGG 12337 CAUGUAAG 10593 AUCACUUC G CGCCUUG 12338 CAAAGCCG 10596 ACUUCGCG G CUUIGUUC 12339 GAACAAAG 10576 UUCACCCA G UUCACCCA 12340 UGGGUGAA 10565 CUCCUGGG G UUCACCCA 12341 CAGGAGGA 10566 GGGGUUGA G UCCACAGG 12342 CGACUCCAA 10557 GUGGGUUGA G UCCACAGG 12343 GCCUGCGA 10556 GGGGUUGA G UCCACAGG 12343 GCCUGCCAA 10557 GUUGAGCAG G UCCACAGG 12343 GCCUGCGA 10557 GUUGAGCAG G CAGGCAGG 12343 GCCUGCCGA 10557 GUUGACCAG G CAGCCAGG 12344 GCUGCCCGA 10558 AGUCGCAG G CACCGUCC 12344 GCUGCCCG 10559 CGCAGGCCA 12346 GCGGUCCG 10559 CGCAGGCCA 12345 AGACGCCG	\vdash	.0642	Ø	12334	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34619
10620 CCGAGACG UUCUGAGG L2336 CCUCAGAAA 10611 UUCUGAGG CUUACAUG 12337 CAUGUAAG 10593 AUCACUUC GCGCUUUG 12338 CAAAGCCG 10586 ACUUCGCG CUUUACCCA 12340 UGGGUGAA 10565 UUCACCCA UCCUCCUG 12341 CAGGAGGA 10566 CUCCUGGG UUCAGCGG 12342 CGACUCAA 10567 CUCCUGGG UUCAGCAGC 12343 GCCUGCGA 10557 GUGGGUGA UCGCAGGCAGC 12343 GCCUGCGA 10557 GUGGGUGA CAGGCAGC 12343 GCCUGCGA 10557 GUGGAGCAGC 12344 GCUGCCGA 10557 GUGGAGCAG 12345 GCGGCCGG 10553 AGCAGGCAG 12345 GCGGGCGG 10554 GCAGGCAC 12345 UGAGCGGG 10545 GCAGGCAC 12346 AGACGGGG	├─	.0637	O	12335	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34620
10611 UVCUGAGG G CUUACAUG 12337 CAUGUAAG 10593 AUCACUUC G CGGCUUUG 12338 CAAAGCCG 10590 ACUUCGCG G CUUUGUUC 12339 GAACAAAG 10585 GCGGCUUU G UUCACCCA 12340 UGGGUGAA 10566 UUCACCCA G UCCUCCUG 12341 CAGGAGGA 10567 UUCACCCGA G UCGCAGG 12342 CGACUCAA 10568 GGGGUUGA G UCGCAGG 12342 GCCUGCGA 10559 GGGGUUGA G UCGCAGG 12343 GCCUGCGA 10550 GGGGUUGA G CAGGCAGC 12344 GCUGCCUG 10551 AGUCGCAG 12344 GCUGCCGA 10553 AGUCGCAG 12345 GCGUGCUG 10550 CGCAGGCAG 12345 GGGGUGCUG 10550 CGCAGGCAG 12345 AGACGGUG 10554 GCAGGCAC 12346 AGACGGUG	一	0620	O	12336	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34621
10593 AUCACUUC G CGGCUUUG 12338 CAAAGCCG 10590 ACUUCGCG G CUUUGUC 12339 GAACAAAG 10585 GCGGCUUU G UUCACCCA 12341 CGGGUGAA 10566 UUCACCCA G UCCUCGG 12342 CGGGAGGA 10560 GGGGUUGA G UCACAGGC 12342 CGACUCAA 10557 GUUGAGUCA G UCACAGGC 12343 GCCUGCGA 10557 GUUGAGUC G CAGGCAGC 12344 GCUGCCUG 10557 GUUGAGUC G CAGGCAGC 12344 GCUGCCUG 10559 AGUCGCAG G CAGCCACC 12344 GCUGCCUG 10550 CGCAGGCA G CACCGUCY 12345 GGUGCUG 10550 CGCAGGCA G CACCGUCY 12345 AGACGGUG 10550 CGCAGGCA G UCUACUCA 12346 AGACGGUG	┢	1190	U	12337	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34622
10590 ACUUCGCG CUUUGUUC 12339 GAACAAAG 10585 GCGGCUUU GUCACCCA 12340 UGGGUGAA 10576 UUCACCCA GUCCUCGG 12341 CAGGAGGA 10565 CUCCUGGG UUGAGUCG 12342 CGGCUCAA 10550 GGGGUUGA UCGCAGGC 12343 GCCUGCGA 10557 GUUGAGUC CAGGCAGC 12344 GCUGCCUG 10553 AGUCGCAG 12345 GCUGCCUG 10550 CGCAGGCA CACCGUCY 12345 AGACGGUG 10550 CGCAGGCA CACCGUCY 12345 AGACGGUG 10550 CGCAGGCA CACCGUCY 12345 AGACGGUG 10551 CGCAGGCA CACCGUCY 12345 AGACGGUG	-	10593	ပ ပ	12338	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34623
10585 GCGGCUUU G UUCACCCA 12340 UGGGUGAA 10576 UUCACCCA G UCCUCCUG 12341 CAGGAGGA 10565 CUCCUGGG G UUGAGUCG 12342 CAGGAGGA 10560 GGGGUUGA G UCGCAGGC 12343 GCCUGCGA 10557 GUUGAGUC G CAGGCAGC 12344 GCUGCCUG 10553 AGUCGCAG 12345 GCUGCCUG 10550 CGCAGGCA G CACCGUCU 12345 AGACGGUG 10550 CGCAGGCA G CACCGUCU 12346 AGACGGUG 10550 CGCAGGCA G UCUACUCA 12346 AGACGGUG	H	0650	ט	12339	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34624
10576 UVCACCCA G UCCUCCUG 12341 CAGGAGGA 10565 CUCCUGGG G UUGAGUCG 12342 CGACUCAA 10560 GGGGUUGA G UCGCAGC 12343 GCCUGCGA 10557 GUUGAGUC G CAGGCAGC 12344 GCUGCCUG 10553 AGUCGCAG CAGGCAGC 12345 CGGUGCUG 10550 CGCAGGCA CACCGUC 12345 AGACGGUG 10550 CGCAGGCA CACCGUCA 12346 AGACGGUG 10554 GCAGGCACC UCUACUCA 12346 AGACGGUG	┝	10585	Ø	12340	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34625
10565 CUCCUGGO G UVGAGUCG 12342 CGACUCAA 10560 GGGGUUGA G UCGCAGC 12343 GCUGGGA 10557 GUUGAGUC G CAGCCAGC 12344 GCUGCCUG 10553 AGUCGCAG G CAGCACC 12345 CGGUGCUG 10550 CGCAGGCA G CACCGUCU 12345 AGACGGUG 10554 GCAGCACC G UCUACUCA 12346 AGACGGUG	┢	92501	O	12341	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34626
10560 GGGGUUGA G UCGCAGGC 12343 GCCUGCGA 10557 GUUGAGUC G CAGCAGC 12344 GCUGCCUG 10553 AGUCGCAG G CAGCACCG 12345 CGGUGCUG 10550 CGCAGGCA G CACCGUCU 12345 AGACGGUG 10554 GCAGCACC G UCUACUCA 12346 AGACGGUG	-	10565	Ф	12342	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34627
10557 GUUGAGUC G CAGGCAGC 12344 GCUGCCUG 10553 AGUCGCAG G CAGCACC 12345 CGGUGCUG 10550 CGCAGGCA G CACCGUCU 12346 AGACGGUG 10545 GCAGCACC G UCUACUCA 12346 AGACGGUG	\vdash	09501	O	12343	GCCUGCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACCCC	34628
10553 AGUCGCAG G CAGCACCG 12345 CGGUGCUG 10550 CGCAGGCA G CACCGUCU 12346 AGACGGUG 10545 GCAGCACC G UCUACUCA 12347 UGAGUAGA	┢╌	10557	9	12344	GCUGCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACUCAAC	34629
10550CGCAGGCA G CACCGUCU12346AGACGGUG10545GCAGCACC G UCUACUCA12347UGAGUAGA		10553	9	12345	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34630
10545 GCAGCACC G UCUACUCA 12347 UGAGUAGA	\vdash	.0550	פ	12346	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34631
	\dashv	10545	D C	12347	UGAGUAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUGCUGC	34632

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105256 UUCCGGUG GEGGRAACH 12349 AGUUCCCG GEGGRAACUCCCUUCAAGGACAUCGUCCGGG 10532 ACUUCCGGU CUCAGGAGA 12359 AAGUUCGG GEGGRAACUCCCUUCAAGGACAUCGUCCGGG 10425 ACUUCCGG LAGAGAGA LAGAGAGAACUCCCUUCAAGGACAUCGUCCGGG 10426 ACUUCCAGG LAGAGAGA LAGAGAGAACUCCCUUCAAGGACAUCGUCCGGG 10327 ACUUCAGG LAGAGAGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10386 ACHACCAG LAGAGAGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10370 ACHACCAG LAGAGACA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10371 CCAAAGAG LAGAGACA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10372 CCAAAGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10373 CCAAAGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10374 CCAAAGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10375 CCAAAGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10376 CCACACAGG GUUCUCUNA GUUCACCC 1336 GUUCACACG 1336 GUUCACACG 1336 GUUCACACG 1336 GAGGAAACUCCCUUCAAGGACAUCGUCCGGGG	501	10529	AACUUCCG G UGGCGGGA	12348	UCCCGCCA GGAGGAAACUCCCUU	ggaggaaacucccurcaaggacaucguccggg cgg	CGGAAGUU	34633
10512 ACUUCCOS O CUCUANCUN 12550 AADUCANG GRAGABAACUCCCUUCAAGGACAUCGUCGGG COGGG COUNTINGS O CUCUANIAN O CUCIANCUN 12551 UNAGUNAGO GRAGGABAACUCCCUUCAAGGACAUCGUCGGG COGGG COGGGGGGGGGGGGGGGGGGGGGGG	504	10526	9	12349	1 1		CACCGGAA	34634
10435 AGUNUUM G CUMACUUM 12351 UMACUAGN GRAGGAAACUCCCUUCAAGGACAUCGGGGGGGGGGGGGGG	518	10512	O	12350	1 1		CGGGAAGU	34635
10335 UNICORAGN G INCORDANUM 12353 AGACRAGN GRAGGAAACUCCCUUCAAGGACAUCGUCGGG 10338 AGACRAGN G GRAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10338 AGACRAGN G GRAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10339 CAUGACNA G UGUCUCAA G UGUCGCGC 12355 GUUGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10373 CACACAGN G UGUCGCC 12356 GUAGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10373 CACACAGN G UGUCGCC 12356 GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10370 CACAAGN G UGUCGCC 12356 GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10351 CACAAGN G UGUCGCC 12356 GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10351 CACAAGN G UGUCGCC 12359 UGAGGACA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10351 CACAAGN G UGAGGACA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10351 CACAAGN G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10351 CACAAGN G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10352 CACAGGAC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10354 CACACACA G UGGAGCAAACUCCCUUCAAGGACAUCGUCCGGG 10354 CACACACA G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10354 CACACACA G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10354 CACACACA G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 CACAAGAG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 GAGCCAAAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 GAGCCAAAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 GAGCCAAAC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 GAGCCAAAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 GAGCCAAAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 GAGCCAACC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 GAGCCAACC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 GACCACACC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 GACCACAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10355 GACCACAC G GAGGGAAACUCCCUUCAAGGACACCCCGGG 10355 GACCACAC G GAGGGAAACCCCUUCAAGAC G UUUCCCG G UUUCCCG G UUUCCCG G UU	595	10435	ಶ	12351		·	AUAAAAGU	34636
10393 UNICURACA G UNICURACA 12354 UNICURACA GRAGGARACUCCCUUCAAGGACAUCGUCGGGG 10388 ACAGCACAA G UNICURACA 12354 UNICOGACA GRAGGARACUCCCUUCAAGGACAUCGUCCGGG 10388 ACAGCACAA G UUGUGUCC 12356 AGACACAA GRAGGARACUCCCUUCAAGGACAUCGUCCGGG 10370 CCAAAGUU G UUCUUCAA 12359 UNAGUUCA GRAGGARACUCCCUUCAAGGACAUCGUCCGGG 10370 CCAAAGUU G UUCUUCAA 12359 UNAGUUCA GRAGGARACUCCCUUCAAGGACAUCGUCCGGG 10310 CCAAAGUU G UUCUUCAA 12359 UNAGUUCA GRAGGARACUCCCUUCAAGGACAUCGUCCGGG 10310 CCAAAGUU G UUCUUCAA 12359 UNAGUUCAA GRAGGARACUCCCUUCAAGGACAUCGUCCGGG 10310 CCAAAGUU G UUCUUCAA 12351 UNAGUUCAA GRAGGARAACUCCCUUCAAGGACAUCGUCCGGG 10310 CCAAAGUU G UUACUUCAA 12351 AGACACAAA GRAGGARAACUCCCUUCAAGGACAUCGUCCGGG 10310 CCAAAGUU G UUAUCUCC 12361 AGACACAAA GRAGGARAACUCCCUUCAAGGACAUCGUCCGGG 10310 CCAACUGGG 12361 CCACGAGG GRAGGARACUCCCUUCAAGGACAUCGUCCGGG 10310 CCAACUGG GCCCCGG 12362 CCACGAGG GRAGGARAACUCCCUUCAAGGACAUCGUCCGGG 10310 CCAACUGG GCCCCGG 12363 CCACGAGG GRAGGARAACUCCCUUCAAGGACAUCGUCCGGG 10310 CCAACUGG GCCCCCGG GCAGACAA G GRAGGARAACUCCCUUCAAGGACAUCGUCCGGG 10310 CCACCUGG G CCCCCGG GGAGGARAACUCCCUUCAAGGACAUCGUCCGGG 10310 CCACCUGG G CCCCCGGG GGAGGARAACUCCCCUUCAAGGACAUCGUCCGGG 10310 CCACCUGG G CUCUUGGG GGAGGARAACUCCCUUCAAGGACAUCGUCCGGG 10310 CCACCUGG G CUCCUGG G CCCCCGG GGAGGARAACUCCCCUUCAAGGACAUCGUCCGGG 10310 CCACCUGG G CUCCUGG G CCCCCGGG GGAGGARAACUCCCCUUCAAGGACAUCGUCCGGG 10310 CCACCUGG G CUCCUGG G CCCCCGGG GGAGGARAACCCCCUUCAAGGACAUCGUCCGGG 10310 CCCACGGG G CUCCUGG G CCCCCGGG GGAGGARAACCCCCUUCAAGGACAUCGUCCGGG 10310 CCCACGGG G CCCCCGGG GGAGGARAACCCCCCUUCAAGGACAUCGUCCGGG 10310 CCCACGGG G CCCCCGGG GGAGGARAACCCCCUUCAAGGACAUCGUCCGGG 10310 CCCACGGG G CCCCACGGG GGAGGAAACCCCCCUUCAAGGACAUCGUCCGGG 10310 CCCACGGG G CCCCACGG G CCCACGGG G CCCACGGG G CCCCACGG G CCCACGGG G CCCACGGG G CCCACGG G CCCACGG G CCCACGG G CCCCACGG G CCCACGG G CCCCACGG G CCCCCC	608	10422	O	12352			AAUAUAAG	34637
10386 ACMGUACO O UGUCCUCA 12354 UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10386 AGUACOAA O UGUGUCAA 12355 GUUGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10370 CCAAAGUU G UCCUUCAA 12356 GUUGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10370 CCAAAGUU G UCUCUCAA 12357 UGAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10310 CCAAAGUU G UGAACUCA 12358 UAUGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CCAACUCA 12359 UAGGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CCAACUCG G UGAACUCA 12359 UGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CCAACUCG G UGAACUCA 12350 GUUGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CCAACUCG G UGAACUCA 12350 GUUGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CCAACUCG G UGAAGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CCAACUCG G UGAAGAAACUCCCUUCAAGGACAUCGUCCGGG 10322 GCUUCAAC G UGAAGAAACUCCCUUCAAGGACAUCGUCCGGG 10324 AGUCGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10324 AGCCCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10324 AGCCCGAG GCAAGAAACUCCCUUCAAGGACAUCGUCCGGG 10324 AGCCCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10324 AGCCCCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10327 AGCAGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10327 AUGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10327 AUGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10327 AGCACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10327 AGCACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10327 AGCACAAC G UGCCCCCC G UGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG 10327 AGCACAAC G UGCCCCCC G UGAGGAAACCCCCUUCAAGGACAACCCCCUCCAGG 10327 AGCACA	637	10393	O	12353			UGUAGAUA	34638
10386 AGUNCORD O UCCUCRAC 12355 GUUGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10373 CAACCAAA O UUGUCUCA 12357 UGAGGAAA CUCCCUUCAAGGACAUCGUCCGGG 10310 CCAAAGUU G UUCUUCUCA 12358 UAUGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CAACCAAGUU G UUCUUCUCA 12359 UAUGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CAACGUUUA G UAACUCCA 12361 GUUCUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CAACGUAU G UUAAUCAC 12361 AGUCGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CAACGUAU G UUAAUCAC 12361 AGUCGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10329 GUUCUUCA G CAACGAAACUCCCUUCAAGGACAUCGUCCGGG 10329 GUUCUUCA G CAACGAAACUCCCUUCAAGGACAUCGUCCGGG 10329 GUUCUUCA G CAACGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10321 ACUCGGAG G UCCAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10321 ACUCGGAG G UCCACAGA G GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG 10321 ACUCGGAG G CCCACGGG G UCCACAGA G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10321 ACUCGGAG G CCCACGGG G CCCACGGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10321 ACUCGGAG G CCCACGGG G CCCACGGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10321 ACUCGGAG G CCCACGGG G CCCACGGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10321 ACUCGGAG G CCCACGGG G CCCACAGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10321 ACCACACG G GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG 10313 ACCACACG G UUCUCCCC G UUCUCCCG G UUCUCCCC G UUCUCCCC G UUCUCCC G UUCUC	642	10388	O	12354			AGUACUGU	34639
10373 COAACQAAA G UNGUGUCA 12356 AGACACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 10351 UGCAAGUU G UGUCUUCA 12359 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 10351 UCUCUUUA G UGAACUCA 12359 UGAAGAAACUCCCUUCAAGGACAUCGUCCGGGG 10351 UCUCUUUA G UGAACUCA 12359 UGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 10311 GAACUCAU G UGAACUCA 12361 GUGGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10310 GAACUCAU G UGACCAC 12362 GUGGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10210 CGAGGGAA CUCCCUUCAAGGACAUCGUCCGGG 10210 CGAGGGAA CUCCCUUCAAGGACAUCGUCCGGG 10220 CGAGGGAA CUCCCUUCAAGGACAUCGUCCGGG 10220 CCACGUGG GUGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10220 CCACCAGGG GUGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10220 CCACCAGG GUGGGCAAACUCCCUUCAAGGACAUCGUCCGGG 10220 CCACCAGG GUGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10220 CCACACCA 12212 CCACAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10220 CCACACCA 12213 CCACAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10220 UCACUCCG GUGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10220 UAACCACCA 12213 CCACAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10113 CCACCAGG GUGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10113 CCACCAGG GUGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10113 CCACCAGG GUGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10113 CCACCAGG GUGGGGGGGGG	644	10386	30 G	12355		1	ACAGUACU	34640
10370 CCAAAGUU G UGUCUUCA 12357 UGAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10316 UGUCUUUA G UGACUCA 12359 UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 UGACUCAU G UGACUCA 12350 UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10311 CGAUGAUU G UGACUCA 12351 AGUCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10312 CGAUGAUU G UGACUCA 12361 AGUCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10229 CGAUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10229 CGAUGAUU G UUDUCUGC 12362 GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10229 AGUCCCGG 12363 CCACGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10226 CGCAGCG 12363 CCACGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10226 CGCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10226 CGCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10226 CGCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10226 CCCACGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10226 CCACACGG GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG 10226 CCACACGG GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG 10227 CCACAGGG G CCACACGG GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG 10227 CCACAGGG G CCACACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10227 CCACAGGG G CCACACGG GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG 10113 CCACACGG G UUCCCCC 12317 CGAGGAAACUCCCCUUCAAGGACAUCGUCCGG 10113 CCACACGG G UUCCCCC 12318 CACAAGGA GGAGGAAACUCCCCUUCAAGGACAUCGUCCGG 10113 CCACACGG G UUCCCCC 12318 CACAAGGA GGAGGAAACUCCCCUUCAAGGACAUCGUCCGG 10113 CCCCCCC G GGAGGAAACUCCCCUUCAAGGACAUCGCCCGG 10113 CCCCCCCC G GAGGGAAACUC	657	10373	Ø	12356		. 1	സ്വദ്യേസ്യ	34641
10356	660	10370	Ö	12357		- 1	AACUUUGG	34642
10351 UUUCUUUN G UBAACUCA 12359 UGAGUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 10341 GAACUCAU G UNAUCCAC 12360 GUGGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 10359 COUACUUG G UUGUUCAC 12362 GCUAUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10259 COUACUUG G UUUUCUCC 12362 GCUAUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10263 GCUACUUG G UUUUCUCC 12364 GCAGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10268 GCUACUCA 12365 GCAGAGAA GCACCCUUCAAGGACAUCGUCCGGG 10268 CUGCCCAC G UGGUCGG 12366 GCAGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10268 CUGCCCAC G UGGUCGG 12366 CCGAGCGC G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10268 CUGCCCAC G UGGUCGG 12366 CCGAGCGC G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10268 CUGCCCAC G UGGUCGG 12366 CCGAGCGC G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10269 CUCCACGG G CUCCUGGG 12366 CCGAGCGC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10269 CUCCACGG G CUCCUGGG 12366 CCGAGCG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10269 CCCACGG G CUCCUGG G CCCACGG G CCCACCG G CCCACGG	662	10368	ย	12358			ACAACUUU	34643
10311 GAACUCAU G UNAUCCAC 12361 GUGGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10310 CGAUGAUU G UUCAACU 12361 GGUCGAAACUCCCUUCAAGGACAUCGUCCGGG 10292 GGUGGAUU G UUCACUGG 12364 GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10292 GGUUGAUU G UUCACUGG 12365 CCAGGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10291 ACCUGGAU G UUUCUGG 12365 CCAGGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10274 UGUUUUU G CCCACCUG 12365 CCAGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10274 UGUUUUU G CCCACCUG 12365 CCAGGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10265 CCCACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10265 CCCACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10265 CCCACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10265 CCCACGUG GCAGCAAACUCCCUUCAAGGACAUCGUCCGGG 10265 CCCACGUG GCACCAAACCGCCCUUCAAGGACACUCCUUCAAGGACACUCCUCCGGG 10259 UGGCCCCGG GGAGGAAACUCCCUUCAAGGACACUCCGCGG 10259 UGCCCCAGU G GCACCACAC 12371 UGGUGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10239 AUUCACGC G UUUCCCCG 12372 UGGUGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10239 AUUCACGC G UUUCCCCC G UUUCCCCG 12373 UGGUGGAAACUCCCUUCAAGGACAUCGUCCGGG 10239 UUUCCCCCC G UUUCCCCC G UUUCCCCC G UUUCCCCC G UUUCCCCG 12374 CGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 GGGGUUUU G UCUCCCC G UUUCCCCA G UUCCCCCC G UUUCCCAC G UUCCCCCC G UUUCCCAACA 12375 AGGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG 10173 GGGGUUUU G UCUCCAACA 12375 AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 GGGGUUUU G UCUCCAACA 12377 AUGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 CCACCGGG G UUUCCCAACA 12377 AUGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 GGGGUUUU G UCUCCAACA 12377 AUGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 CCACCGGG G UUUCCCAACA 12377 AUGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 CCACCGGG G UUUCCCAG G UUCCCAG G UUCCCCUC G UUCCCACG G UUCCCACCA G UUCCCACG G UUCCCACG G UUCCCACG G UUCCACA G UUCCCACG	629	10351	o	12359			UAAAGAGA	34644
10310 CGAUGADU G CUCUGACU 12361 AGUCAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10259 CGUACUGA G UUGAUGAC GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10281 ACCUGAUG G UUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10281 ACCUGAUG G UUUCUUC 12364 GCAGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10281 ACCUGAUG G UUUCUUC G CCACGUG G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10281 CGCACGUG G CCCACGUG G CCCACGUG G CACGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10265 CCCACGUG G CUCACGUG G CACGCCG G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10265 CCCACGUG G CUCACGUG G CUCACGCG G CUCACGUG G CACACCCG G CACACCG G CACACCCG G CACACCCG G CACACCCG G CACACCG G CACACCC G CACACCG G CACACCC G CACACCG G CACACCC G CACACCC G CACACCC G CACACCC G CACACCC G CACACCC G CACACCG G CACACCC G CACACG G CACACCC G CACACCG G CACACCC G CACACC G CACACCC G CACACACC G CACACCC G CACACCC G CACACCC G CACACCC G CACACCC G CACACCC	689	10341	b	12360		- 1	AUGAGUUC	34645
10299 CUGANCUUG G UNGAUAGC 12362 GCUAUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10281 ACCUGGAU G UUUUCUGC 12364 GCAGGUGG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGGG 10281 ACCUGGAU G UUUUCUGC 12364 GCACGUGG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10284 GCACGGGG G UGGCGAAC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10286 CUGGCCC G UGGCUCG 12365 CCCGAGGC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10285 CCCACGUG G CCCACGUG G GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10285 CCCACGUG G CCCACGGG G CCCACGUG G CCCACCCACG G CCCACGGG G CCCCCCCC	720	10310	ß	12361			AAUCAUCG	34646
10292 GGUUGAUN G CCACCUGG 12363 CCAGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10281 ACCUGGAU G UUUCUGG 12366 GCAGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10274 GCACGUGG 12365 CCAGGUGG 12365 CCAGGUGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10285 CCAGGGG 12365 CCAGGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10285 CCACGUGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10285 CCACAGGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10259 UGGCUCGG GCACAGGG GCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10251 GCUCUUGU G UCCCAACG GCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10251 GCUCUUGU G UCCCACAC 12377 CCGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10227 CCACACGG GCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10227 CCACACGG GCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10227 CCCAAGAG GCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10227 CCACACAC 12371 UGUGGCAG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10227 CCACACAC 12372 UGGUGGCAG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10219 CCACACAC 12373 CGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10219 CCACACAC 12374 CGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACACAC 12374 CGAGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACACAC 12374 AGAGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACACAC 12375 AGAGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACACAC 12375 AGAGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACACAC 12376 AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACACAC UUCUCCAG UUCCCAGC 12380 GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UUCCCAGC UUCCCAGC UUCCCAGC 12380 GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UUCCCCCC UUCCCAGC UUCCCCCC UUCCCCCC UUCCCCCC UUCCCCCC UUCCCCC UUCCCCCC GCAGGGAAACCCCUUCAAGGACAUCCCCCCCCCCCCCCC	731	10299	ט	12362		ı	CAAGUCAG	34647
10281 ACCUGGAN G UNUNCUGG 12365 CAGAGAAA GGAGGAAACUCCCUUCAAGGACANUCGUCCGGG 10274 UGUUUUCU G CCCACGUG 12365 CACGUGGG GGAGGAAACUCCCUUCAAGGACANUCGUCCGGG 10256 CCCACGUG G UGGCGACG GGAGGAAACUCCCUUCAAGGACANUCGUCCGGG 10259 UGGCCGAG G CGAGGCAAACUCCCUUCAAGGACANUCGUCCGGG 10259 UGGCCCAG G CACGAGCA GGAGGAAACUCCCUUCAAGGACANUCGUCCGGG 10259 UGGCCCAG G CACGAGCA GGAGGAAACUCCCUUCAAGGACANUCGUCCGGG 10259 GGGCCCAGU G UGCCCACC 12370 CUGAUUGG GGAGGAAACUCCCUUCAAGGACANUCGUCCGGG 10251 GGGCCCAG G GAGGGAAACUCCCUUCAAGGACANUCGUCCGGG 10251 GCUCUUGU G UGCCCACC 12371 UGGGGCAG GGAGGAAACUCCCUUCAAGGACANUCGUCCGGG 10251 AUCAGGC G CCCACCCC 12371 UGGGGCAG GGAGGAAACUCCCUUCAAGGACANUCGUCCGGG 10219 AUCAGGC G UUUCCUG 12371 UGGGGCAG GGAGGAAACUCCCUUCAAGGACANUCGUCCGGG 10219 AUCAGGC G UUUCCUG 12372 CGGGAAAA GGAGGAAACUCCCUUCAAGGACANUCGUCCGGG 10219 AUCAGGC G UUUCCUG 12374 CAGGGAAA CUCCCUUCAAGGACANUCGUCCGGG 10210 AUCAGGC G UUUCCCG 12374 CAGGGAAA CUCCCUUCAAGGACANUCGUCCGGG 10179 CCACUGGG G UUUCCCG 12374 CAGGGAAA CUCCCUUCAAGGACANUCGUCCGGG 10179 AUGGGC G UUUCCCG 12374 AUGGAAAA GGAGGGAAACUCCCUUCAAGGACANUCGUCCGGG 10179 AUGGCCGG G UUUCCCG G UUUCCCG G UUUCCCG G UUUCCCG G UUUCCCG G UUCCCCC G UUUCCCC G UUCCCCC G UUCCCCG G UUCCCCC G UUCCCCG G UUCCCCC G UUCCCCC G UUCCCCC G UUCCCCC G UUCCCCC G UUCCCC G UUCCC G UUCCCC G UUCCCC G UUCCCC G UUCCC G UUCCCC G UUCCC G UUCCCC G UUCCC G UUCCC G UUCCCC G UUCCCC G UUCCCC G UUCCCC G GGAGGAAACCC CUUCAAGGACACUCCCCC C GGGCGAAACCC C UUCCCC G UUCCCC G UUCCCC G GGAGGAAACCC CUUCAAGGACACUCCCC G GGAGGAAACCC CUUCAAGGACACCCC G GAGGGAAACCC CUUCAAGGACACCCC G GAGGGAAACCC CCCCC G GAGGGAAACCC CCCC G GAGGGAAACCC CCCCC G GAGGGAAACCC CCCCC G GAGGGAAACCC CCCCC G GAGGGAACC G GAGGGAAACCC CCCCC G GAGGGAACC G GAGGGAACC G GAGGGAACC G GAGGGAACC G GAGGGAACC G GAGGGAAC	738	10292	O	12363			UAUCAACC	34648
10274 UGUTUNUCU G CCCACGUG 12365 CACGUGGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGO 10268 CUGCCCAC G UGGCUCGG 12366 CCGAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10259 UGGCUCGG G CUCUGGGC 12367 AGCCCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10259 UGGCUCGG G CCCACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10253 GGCUCUUG G UGCCCACA 12370 CUGAUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10251 GGCCCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10251 GGCUCUUG G CCACACA 12371 UGUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10217 CCAAUCAG G CCCACACA 12371 UGUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10217 CCACAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10217 CGACACAC 12372 UGUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10217 CGACACAC 12374 CGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10217 CGACACCC 12374 CGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CGACACAC 12374 CGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CGACACAC 12375 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CGACACAC 12375 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUGGG G UUUUCCA 12375 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUGGG G UUUUCCAU 12376 GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUCGG G UUCUCCAU 12376 GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUCGG G UUCUCCAU 12377 AGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCCUCGU G UUCUCCAU 12381 GUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 ACCACGU G UUCUCCU G CAGGGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 ACCACGU G UUCUCCU G CAGGGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10078 ACCACGU G UUCUCCU G CAGGGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10078 ACCACGU G UUCUCCU G CAGGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10078 ACCACGU G UUCUCCC G UAGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10078 ACCACGU G UUCUCCC G UAGGACAACCC GGAGGAACACCCUUCAAGGACAUCGGCGCGCGCGCCCCCCCC	749	10281	O	12364	1		AUCCAGGU	34649
10268 CUGECCAC G UGGUCGG 12365 CCGAGCAG GAGGAAACUCCUUCAAGGACAUCGUCGGG 10265 CCCACGUGG G CUCGUGGG 12367 AGCCCCAG GAGGAAACUCCCUUCAAGGACAUCGUCGGG 10259 UGGCUCGG G CUCGUGGG 12369 CACAAGAG GAGGAAACUCCCUUCAAGGACAUCGUCGGG 10251 GGCUCUU G UCCCACA 12371 UGGUGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10252 GCCUCUUG G CCACACA 12372 UGGUGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10227 CCACAUCAG CCACACCACA 12372 UGGUGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10227 CACCAGAU G CCACACCA 12372 UGGUGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10229 AUCAGGAC 12373 CGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG 10210 UAUGGAC UUCUCCCA 12374 CAGGAAAAACUCCCUUCAAGGACAUCGUCCGGG 10210 UAUGGAC UUUUCCCC 12374 CAGGAAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUCGG UUUUCCCC 12375 UGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10179 UAUCUCCA 12376 AGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10170 UAUCUCCA UUUUUGUCCA 12378 GUCUGGAAC	756	10274	ט	12365			AGAAAACA	34650
10265 CCCACCTUGO G CUCGGGCU 12367 AGCCCGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10259 UGGCUCGG G CUCUUGUG 12368 CACAAAG GAGGAAACUCCCUUCAAGGACAUCGUCGGG 10251 GGCUCUU G UGCCAAUC 12369 GAUUGGCA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10242 CCANUCAG G CUCCUCG 12371 UGUGGCAG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10219 AUCAGGAU G CCACUCG 12373 UGUGGCAG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10219 AUCAGGAU G CCACUCG 12373 UGGGAAAACUCCCUUCAAGGACAUCGUCCGGG 10210 UANGGAC G CCACUCG 12374 CAGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10210 UANGGAC G UCCUCCG 12374 CAGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 GUCCUCUC UUUUGUCU 12374 AGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10179 CCACUGGG G UUUUGUCU 12374 AGGGAAAACUCCCUUCAAGGACAUCGUCCGGG 10179 CCACUGGG G UUUUGUCU 12375 AGGGAAAACUCCCUUCAAGGACAUCGUCCGGG 10179 CCACUGGG G UUUUCCCA 12378 GUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10170 UCCAUCUG UUCUCCCA 12318 GUCUGGAAA	762	10268	Ö	12366			GUGGGCAG	34651
10259 UGGCUCGG G CUCUUGUG 12369 CACAAGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 10253 GGGCUCUU G UGCCCAUUC 12369 GAUUGGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 10251 GCUCUUGU G CCCAAUCAG 12370 CUGAUUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 10242 CCCAAUCAG G CUGCCACA 12371 UGUGGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 10227 CACCAGAU G UCCUCUCG 12372 UGGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10219 AUCAGGCA G UCCUCCUC G UUUUGUCU G UUCCAGAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUGGG G UUUUGUCU G UUCCAGAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10179 AUCAGCACA G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10179 AUCAGCACA G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10179 AUCAGCC G UUCCAGAC G UCCUCGGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 ACCACAGAC G UUCCAGAC G UCCUCGGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUCCCC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUCCAC G UUGUCCAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUCCCC G UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUCCCC G UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUCCCC G UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUUCCC G UUGUCCUC G CAUGGAG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUUCCC G UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUUCCC G UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUUCCC G UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUUCCC G UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G UUGUUCCC G UGGAGGAAACUCCCUUCAAGGACAUCGGCGGG G UUGUUCCC G UGGAGGAAACUCCCUUCAAGGACAUCGGCGGG G UUGUUCCC G UAGGAACAC G GAGGAAACUCCCUUCAAGGACAUCGGCGGG G UUCCUCC G CAUGGAG G GAGGAAACUCCCUUCAAGGACAUCGGCGG G UUGUUCCC G UAGGAACAC G GAGGAAACCCCUUCAAGGACAUCGGCGG G UUGUUCCC G UAGGAACAC G GAGGAAACCCCUUCAAGGACAUCGGCGG G UUCCUCC G UAGGAACAC G GAGGAAACCCCUUCAAGGACAUCGGCGG G UAGGAACAC G GAGGAAACCCCUUCAAGGACAUCGGCGG G UUCCUCC G GAGGAACACCCUUCAAGGACAUCCCCCGGG G UAGGAACACCCCUUCAAGGACAUCCCCCCGGG G UAGGAACACCCCUUCAACACCCCCCCGGG G GAGGAACACCCCCCCCCC	765	10265	0	12367		- 1	CACGUGGG	34652
10253 GGGCUCUU G UGCCRAUCA 12369 GAUUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10251 GCUCUUGU G CCAAUCAG 12370 CUGAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10242 CCAAUCAG G CUGCACA 12371 UGUGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10239 AUCAGGU G CCACACA 12372 UGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10219 AUCACCAGU 12373 CGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10220 CACCAGAU G UCCUCCCA 12374 CAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10219 GUCCUCCC UUUGCCCA 12375 UGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10118 GCACUUGG UUUGCUCA 12376 UGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 CCACUUGG UUCUCCAU 12376 UGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10110 CCACUUGG UUCUCCAU 12376 UGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 CCACUUGG UUCUCCAU 12376 UGGAGAAAACUCCCUUCAAGGACAUCGUCCGGG 10119 UCCACUCAA 12378 GUCGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10110 UCCCUCCUU UUCUCCAG 12378 GUCGGGAAAAAA	771	10259	O	12368		- 1	CCGAGCCA	34653
10251 GCUCUUGU G CCAAUCAG 12371 UGUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10242 CCAAUCAG G CUGACCACA 12371 UGUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10219 AUCAGAC G CCACACCA 12372 UGUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10219 AUCAGAC G UCCUCCG 12374 CGAGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10210 CACCAGAU G UCCUCCA 12374 CAGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUGGG G UUUUGUCU 12374 CAGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUGGG G UUUUGUCU 12375 UGGAGUG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 GGGGUUUU G UCUUCCAU 12377 AUGGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10113 CCACUGGG G UUUUGUCU 12378 GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10113 CCACUGGU G UUCUCCAU 12379 ACAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10112 UCCCACUU G UUGUCCAC 12380 GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10112 UCCCCCUU G UUGUCCAC 12381 GUCGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10113 ACCACGUU G UUCUCCA 12381 GUCGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10001 12381 GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 10001 12381 GGGAAGAACUCCCUUCAAGGACAUCGUCCGGG 10001 12381 GGGAAACUCCCUUCAAGGACAUCGUCCGGG 10001 12381 GGGAAGAACUCCCUUCAAGGACAUCGUCCGGG 10001 10001 12381 GGGAAGAACUCCCUUCAAGGACAUCGUCCGGG 10001 12381 GGGAAGAACUCCCUUCAAGGACAUCGUCGGG 10001 12381 GGGAAGAACUCCUUCAAGGACAUCGUCGGG 10001 12381 GGGAAGAACUCCCUUCAAGGACAUCGUCGGG 10001 10001 12381 GGGAAGAACUCCCUUCAAGGACAUCGUCGGG 10001 12381 GGGAAGAACUCCCUUCAAGGACAUCGUCGGG 10001 12381 GGGAAGAACUCCCUUCAAACACCCUUCAAACACACAUCGACACACAC	777	10253	ø	12369		- 1	AAGAGCCC	34654
10242 CCAAUCAG G CUGCCACA 12371 UGUGGCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 10239 AUCAGGCU G CCACACCA 12372 UGGUGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 10219 CCCCAGAU G UCCUCCG G UUUUCCUG 12374 CCGCAGAAA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 10219 GUCCUCU G UUUUGUCU G UUUUGUCU G UUUUGUCU G 12374 CCGCGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 GGGGUUUU G UCUUCCAG	779	10251	ש	12370	1		ACAAGAGC	34655
10239 AUCRAGGCU G CCACACCA 12372 UGGUGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10227 CACCAGAU G UCCUCUCG 12373 CGAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10219 GUCCUCUC G UUUUCCUG 12374 CAGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10210 UANGGAC G UCACUCCA 12375 UGGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUGGG G UUUUGUCU 12376 AGACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 GGGGUUUU G UCCUCGU 12377 AUGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 UCCAACAU G UCCUCGU 12378 GUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 UCCAACAU G UCCUCGU 12380 GAUGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10109 CCUCUGUU G UUCUCCAC 12381 GUGGAGAACUCCCUUCAAGGACAUCGUCCGGG 10091 CCUCUGUU G UUCUCCAC 12381 GAUGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10091 CCUCUGUU G UUCUCCAC 12381 GAUGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10091 CCUCUGUU G UUCUCCAC 12382 CAUCCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UGGACCCCUCCAUCAAGGACACACCCCUU	788	10242	ø	12371		- 1	CUGAUUGG	34656
10217 CACCAGAU G UCCUCUGG 12373 CGAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 10219 GUCCUCUC G UUUUCCUG 12374 CAGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 10210 UAUGGAC G UCACUCCA 12375 UGGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 10178 CCACUGGG G UUUUGUCU 12376 AGACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 10119 CCACUGGG G UUCCAGAC 12377 AUGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 10119 UCCAACAU G UCCUCGU 12378 GUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 10119 UCCAACAU G UCCUCGU 12378 ACAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 10109 CCUCUGUU G UCCUCGU 12380 GAUGGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 10091 CCUCUGUU G UCCUCCU 12381 GUGGAUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 10091 CCUCUGUU G UCCUCCU 12381 GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UGGACCUC 12381 GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UGGAGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UGGAGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 <td>791</td> <td>10239</td> <td>ບ</td> <td>12372</td> <td></td> <td></td> <td>AGCCUGAU</td> <td>34657</td>	791	10239	ບ	12372			AGCCUGAU	34657
10219 GUCCUCUC G UUUUCCUG 12374 CAGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10200 UANGGAC G UCACUCCA 12375 UGGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUGGG G UUUUGUCU 12376 AGACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10137 CAAACACG G UUCCAGAC 12377 AUGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 UCCAACAU G UUCCAGAC 12378 GUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 UCCAACAU G UUCCAGAC 12380 GAUGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10109 UCCUCGUU G UUCUCCAC 12381 GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10091 CCUCUGUU G UUCUCCAC 12381 GUGGAUGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UGGACCAC 12381 GUGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10071 UGGACCAC 12381 GUGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACUCCA 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10074 UGGAGCAC 12383 ACGAAGAAACUCCCUUCAAGGACAUCGUCCGGG 12384 CGGAAGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 UCCUCCUC 12384 <td>803</td> <td>10227</td> <td>Ø</td> <td>12373</td> <td></td> <td>- 1</td> <td>AUCUGGUG</td> <td>34658</td>	803	10227	Ø	12373		- 1	AUCUGGUG	34658
10200 UANGGARC G UCACUCCA 12375 UGGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10178 CCACUGGG G UUUUGUCU 12376 AGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 GGGGUUUU G UCUUCCAU 12377 AUGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 UCCAACAG G UUCCAGAC 12378 GUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 UCCAACAU G UUCUCAUC 12380 GAUGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10109 CCUCUGUU G UUGUCAUC 12381 GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10091 CCUCUGUU G UUGUCCAC 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UGGACCAC GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10071 UGGACCAC GUGGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACGUG UCUUCCC 12381 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACGUG UUCUUCCG 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACGUG UUCUUCCG 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040	811	10219	ซ	12374			GAGAGGAC	34659
10178 CCACUGGG UUUUGUCU 12376 AGACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10173 GGGGUUUU UUCCAGAC 12377 AUGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10137 CAAACACG UUCCAGAC 12378 GUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 UCCAACAU UUCCACUG 12389 ACAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10091 CCUCUGUU UUGUCCAC 12381 GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 CUCCUGUU UUGUCCAC 12381 GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UGACCCCU G CAUGGAUG 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UGACCCCC UGGAGAUG 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10076 UGACCCCC UGGAGAUG 12383 AGAGAACCC GGAGGACAUCGUCCGGG 10076 UCCUCCUC UCGUCCUC 12384 CGGAAGAACUCCCUUCAAGGACAUCGUCCGGG 10040 CACACGGG UUCUUCCG 12384 CGGAAGAA GGAGGAA	830	10200		12375		•	GUCCCAUA	34660
10173 GGGGUUUU G UCUUCCAU 12377 AUGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 10137 CAAACAC G UUCCAGAC 12378 GUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 10119 UCCAACAU G UCCUCGU 12389 ACAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 10109 CCUCUGUU G UUGUCAUC 12381 GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 10091 CUCCUCCU G CAUGGAUG 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 10076 UGGACCAC G UUCUUCCG 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACGUG UUCUUCCG 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10074 ACCACGUG UUCUUCCG 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACGUG UUCUUCCG 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10064 UUCUUCCG UAGGACCAC 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACGUG UAGGACCAC 12385 GGUCCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGGAGAAA	852	10178		12376			CCCAGUGG	34661
10137 CAAACACG G UVCCAGAC 12378 GUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10119 UCCAACAU G UCCUCUGU 12379 ACAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10112 UGUCCUCU G UUGUCAUC 12380 GAUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10091 CCUCUGUU G CAUGGAUG 12381 GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10074 UGGACCAC G UGGUUCUU 12383 AAGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACGUG G UGGUUCUU 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACGUG G UGGUUCUU 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10064 UUCUUCCG G UGGGGACC 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10064 UCUUCCG G UGGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10064 UCUUCCG G UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGAAACGC 12385 GGCCCUUCAGGGAACCCUUCAAGGACAUCGUCCGGG 10035 ACAGGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	857	10173		12377		- 1	AAAACCCC	34662
10119 UCCAACAU G UCCUCUGU 12379 ACAGAGGA GGAGGAACUCCCUUCAAGGACAUCGUCGGGG GAUGACCAU G UUGUCAUC 12380 GAUGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG CUCCUGUU G UCAUCCAC 12381 GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG COCCUCCUU G CAUGGAUG 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCUCCACG G UGGUUCUU 12383 AAGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCACGG G UUCUUCCG G UUCUUCCG G UGGUUCUU 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCACGG G UUCUUCCG G UAGGUCCG COCCUCCAAGGACAUCGUCCGGG COCCACGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCACGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCACGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCACGG GAAGGAACUCCCUUCAAGGACAUCGUCCGGG COCCACGG GAAGGAACUCCCUUCAAGGACAUCGUCCGGG COCCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCGGG COCCAUCAACACCCCUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCGGG COCCAUUCAAGGACAUCGUCCCGGG COCCAUUCAACGACACACCCCUUCAAGGACAUCGUCCCGGG COCCAUUCAACGACACACCCCUUCAACGACACACCCCUUCAACGACACACCCCUUCAACCACCCCUUCAACCACCCUUCAACCACC	893	10137		12378		- 1	cauanna	34663
10112 UGUCCUCU G UUGUCAUC 12380 GAUGACAA GAUGACAA GAGGAAACUCCCUUCAAGGACACUCGUCGGGG 10109 CCUCUGUU G UCAUCCAC 12381 GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 10091 CUCCUCCU G CAUGGAUG 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 10073 ACCACGUG UUCUUCCG 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10064 UUCUUCCG UAGGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGGAGCA 12384 GGACCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGGAGCA 12386 UUGCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGAGCAA 12386 UUGCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGAGGAAC 12386 UUCCUCCU GCAUUUG 10040 CAGAAGCA GCCAUUUG GCCAUUUG GCCAUUUG	911	10119		12379		- 1	AUGUUGGA	34664
10109 CCUCUGUU G UCAUCCAC 12381 GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 10091 CUCCUCCU G CAUGGAUG 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 10073 ACCACGUG G UAGGUUCU 12383 AAGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10064 UUCUUCCG G UAGGACCA 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10064 CAGGAGCA 12386 GGUCCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGGAGCA 12386 UUCCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGGAGCAA 12386 UUCCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10035 ACAGCACA GCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	918	10112		12380		- 1	AGAGGACA	34665
10091 CUCCUCCU G CAUGGAUG 12382 CAUCCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 10076 UGGACCAC G UGGUUCUU 12383 AAGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACGUG G UUCUUCCG 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10064 UUCUUCCG G UAGGACA 12385 GGUCCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGGAGCAA 12386 UUGCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGGAGCAA 12386 UUGCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10035 ACAGCGGA 12387 GCCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	921	10109	ტ	12381		1	AACAGAGG	34666
10076 UGGACCAC G UGGUUCUU 12383 AAGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10073 ACCACGUG G UUCUUCCG 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10064 UUCUUCCG G UAGGGACC 12385 GGUCCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGGAGCA 12386 UUGCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10035 ACAGCGAA GCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	939	10001	Ð	12382			AGGAGGAG	34667
10073 ACCACGUG G UNCUUCCG 12384 CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10064 UUCUUCCG G UAGGGACC 12385 GGUCCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10040 CAGGGACA 12386 UUGCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 10035 ACAGCGGA 12387 GCCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	954	10076	Ð	12383		- 1	GUGGUCCA	34668
10064 UUCUUCCG G UAGGAACC 12385 GGUCCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 10040 CAGGGAACA 12386 UUGCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 10035 ACAGCGGA 12387 GCCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	957	10073	ø	12384		- 1	CACGUGGU	34669
10040 CAGGGARCA G CGAGCAA 12386 UDGCUCCG GGAGGAACUCCCUUCAAGGACAUCGUCGGG 10035 ACAGCGGA G CAAAUGGC 12387 GCCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	996	10064		12385			CGGAAGAA	34670
10035 ACAGCGGA G CAAAUGGC 12387 GCCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	990	10040	Ð	12386			nencccne	34671
	995	10035	이	12387	- 1		uccecueu	34672

Table XII

1002	10028	ပ စ	12388	- 1	34673
1004	10026	v	12389	- 1	34674
1008	10022	ອ	12390	GCUCAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACGCCA	34675
1015	10015	GGCCAUGA G CCGCAGGU	12391	ACCUGCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCAUGGCC	34676
1018	10012		12392	GAGACCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUCAUG	34677
1022	10008	AGCCGCAG G UCUCTUCTO	12393	AGAAGAGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUGCGGCU	34678
1031	6666	ucucuucu e uceaagua	12394	UACTUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGAGA	34679
1037	9993	v	12395	CUUCUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCACAG	34680
1045	9985	O	12396	UGUGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUGUAC	34681
1048	9982	CAGAAGCA G CCACAUCU	12397	AGAUGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUUCUG	34682
1059	1266	ACAUCUGG G CAUAAGAC	12398	GUCTUANG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAUGU	34683
101	9959	AAGACUUA G CCAGACAA	12399	UNGUCUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UAAGUCUU	34684
1080	9950	CCAGACAA G CAGUGUCG	12400	CGACACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGUCUGG	34685
1083	9947	GACAAGCA G UGUCGCGG	12401	CCGCGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUUGUC	34686
1085	9945	CAAGCAGU G UCGCGGAC	12402	guccecea geaggaacucccuucaaggacauceuccege acuecuug	34687
1088	9942	gcaguguc e cegaceuu	12403	AACGUCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GACACUGC	34688
1094	9936	ucecearc e unccance	12404	GGAUGGAA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GUCCGCGA	34689
1104	9356	uccaucce e ccccueea	12405	UCCAGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CGGAUGGA	34690
1118	9912	ט	12406	AGAGCUCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUAUCUCC	34691
1122	9908	Ø	12407	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34692
1127	9903	canacucu e ccunccan	12408	UUGGUAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGAGCUCG	34693
1144	9886	novacca e accaeee	12409	GCCGAGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGGAUGAA	34694
1151	9879	ט	12410	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34695
1165	9865	O	12411	GAAGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGGUU	34696
1167	9863	ס	12412	. 1	34697
1194	9836	Ö	12413	CCAUTUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAUUGA	34698
1202	9828	v	12414	UGCUCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUUCAC	34699
1208	9822	ø	12415	CCAUJUUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCAAACCA	34700
1222	9808	U	12416	AUUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGUUCCA	34701
1225	9805	ט	12417	AUGAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAGGUU	34702
1242	9788	ø	12418	ACCGUCAA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGGAUGGU	34703
1249	9781	O	12419	AGUGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAACU	34704
1265	9765	ucungaau a ucumaca	12420	CGCAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAAGA	34705
1271	9759	AUGUCUUU G CGAACCUU	12421	AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGACAU	34706
1287	9743	O	12422	CCUCAAUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UAUGUCAA	34707
1298	9732	٥	12423	UCGCUCCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCAA	34708
1303	9727	ט	12424	CCACCUCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCCACUUC	34709
1308	9722	_ອ	12425	CUUUGCCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUCGCUCC	34710
1311	9719	GCGAGGUG G CAAAGCGA	12426	ucecumo gaaggaaacucccuucaaggacaucguccgg caccucgc	34711
1316	9714	GUGGCAAA G CGAUCGUC	12427	GACGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGCCAC	34712

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1322	9708	AAGCGAUC G UCCAGGGG	12428	CCCCUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCGCUU	34713
1330	9700	GUCCAGGG G CUUVACCA	12429	UGGUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUGGAC	34714
1343	9687	ACCACACA G UCAUCUCC	12430	GGAGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGUGGU	34715
1359	1696	CACUGACA G CCAUGCGG	12431	CCGCAUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUCAGUG	34716
1364	9996	ACAGCCAU G CGCUGAG	12432	CUCAGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGCUGU	34717
1367	9663	GCCAUGCG G CUGAGUCU	12433	AGACUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAUGGC	34718
1372	9658	GCGGCUGA G UCUUUCUU	12434	AAGAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGCCGC	34719
1396	9634	CUCAAACA G CCAGGUCC	12435	GGACCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUUGAG	34720
1401	9629	ACAGCCAG G UCCUGACU	12436	AGUCAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCUGU	34721
1414	9196	GACTUTUGG G UCCUTUCC	12437	GGAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAAAGUC	34722
1428	9602	UCCCUUUU G UGAGUUUC	12438	GAAACUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAGGGA	34723
1432	9538	UUUUGUGA G UUUCUCCA	12439	UGGAGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACAAAA	34724
1451	9579	UCAUCUGG G CCAAUCAC	12440	GUGAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAUGA	34725
1486	9544	CCUCACCA G CUGGACGG	12441	CCGUCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGAGG	34726
1494	9536	GCUGGACG G CCAGGUUG	12442	CAACCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCCAGC	34727
1499	9531	ACGGCCAG G UUGGUGAA	12443	UUCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCCGU	34728
1503	9527	CCAGGUUG G UGAAAGUG	12444	CACUTUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCUGG	34729
1509	9521	UGGUGAAA G UGUUUAGG	12445	CCUAAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCACCA	34730
1511	9519	GUGAAAGU G UUUAGGGC	12446	GCCCUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUUCAC	34731
1518	9512	ueututage e cettageue	12447	CACCUACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUAAACA	34732
1520	9510	UUVAGGGC G VAGGUGAC	12448	GUCACCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCUAAA	34733
1524	9056	GGGCGUAG G UGACAACU	12449	AGUUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACGCCC	34734
1534	9496	O	12450	GGAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGUC	34735
1578	9452	ccyndyce e nacanccy	12451	UGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAUGG	34736
1590	9440	ט	12452	CCCGGCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAUGGAA	34737
1593	9437	CAUCAGCA G CCGGGCGC	12453	GCGCCCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUGAUG	34738
1598	9432	всявссва в свсяпсяс	12454	GUGAUGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGCUGC	34739
7600	9430	AGCCGGGC G CAUCACUU	12455	AAGUGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCGGCU	34740
1619	9411	ACAACUUU G UGACGAUA	12456	UAUCGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGUUGU	34741
1629	9401	ଓ	12457	UGAGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAUCGUC	34742
1633	9397	AUAGGUGA G CUCAAUGA	12458	UCAUUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCUAU	34743
1644	9386	ß	12459		34744
1650	9380	9 9	12460	GCGUCUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCA	34745
1657	9373	GGCAAGAC G CCGAUGUU	12461	AACAUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCUUGCC	34746
1663	9367	O	12462	AUGGGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGGCGU	34747
1675	9355	ß	12463		34748
1678	9352	AUCAAGCA G CUCAAGCA	12464	UGCUUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUUGAU	34749
1684	9346	CAGCUCAA G CACCUUAG	12465	CUAAGGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUGAGCUG	34750
1692	9338	v	12466	AAAUGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAGGUGC	34751
1706	9324	UUUUCCAA G UCAGCUCU	12467	AGAGCUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAAA	34752

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17.21 29.12 COARGING G URINGCOSG 12.468 CACGRAPA GRAGARANCOCCUUCAAGGACAUCGUCCOGG URGAUCGUCCOGG GARGARANCOCCUUCAAGGACAUCGUCCOGG GARGARANCOCCUUCAAGGACAACCOCGG GARGARANCOCCUUCAAGGACAACCCCOGG GARGARANCOCCUUCAAGGACAACCCCOGG GARGARANCOCCUUCAAGGACAACCCCOGG GARGARANCOCCUUCAAGGACAACCCCOGG GARGARANCOCCUUCAAGGACAACCCCCCCGG GARGARANCOCCUUCAAGGACAACCCCCGG GARGARANCOCCUUCAAGGACAACCCCGG GARGARANCOCCUUCAAGGACAACCCGG		Н	\dashv	\dashv	\dashv	\dashv	\dashv						\dashv	-	\dashv	_	\dashv		\dashv	1	+	+	\dashv	_	\dashv	1	+	\dashv	+	\dashv	1	\dashv	\dashv	-	-	-	-		\dashv	C 34791
9320 CCCAAGUCA G CUCUCGUG 12468 CACGAGAGA 9314 CAGGUCUC G UGANGGGG 12469 CCGCAUCA 9309 CUCGUGAUG 12472 GCGCAUCA 9309 CUCGAGCC 12472 GCGCAGGA 9303 AUGCGGG G UGUCCAGC 12472 GGCUGGGA 9297 AUGCGGCG G CCAGCUGU 12473 ACAGCUGG 9299 AGCCAGCCA G CUGUCUCA 12473 ACAGCUGGA 9290 AGCCAGCU G UGUCAUCA 12473 ACAGCUGGA 9280 CCCAGCCA G CUGUCUCA 12473 ACAGCUGGA 9281 CCCAGCCG G UGUCCAACU 12479 GCUGGGGA 9282 CCAGCCCAG G CCAACUC 12489 ACAUCCCGG 9284 AACUCCCAG G UGCCCAACU 12489 ACAGCCGG 9257 CAGGCCGG G UGCCCAACU 12489 ACAGCCGG 9257 CAGGCCGG G UGCCAACU 12489 ACACCCGG 9257 CAGGCCGG G UGCCAACU 12489 ACACCCGG 9250 GCCCCCAG G CCCAAGCG 12489 ACACCCGG 92		ccese usacuus				- 1					1	i I			- 1								- 1	•					- 1	- 1	- 1									1
9320 CCAAGUCA G CUCUCGUG 12468 9314 CAGCUCUC G UGAUGCGG 12470 9309 CUCGUGAN G CGGGUGUC 12471 9309 CUCGUGAN G CGGGUGUC 12471 9200 UGAUGCGG G UGUCCCAG 12474 9297 GUGUCCCA G CCAGCUGU 12474 9290 AGCCAGCC G CAGCUGU 12476 9291 CCCAGCCG G UGCCCAGG 12476 9292 CCCAGCCCA G CCCCAGG 12476 9291 UGUCAUCA G CCCAGACU 12486 9250 AGCCCCCAG G UGCCAACU 12486 9251 UUUUGGAG G CCCAACUC 12486 9252 GCCCCCCAG G UGCCAACU 12486 9254 AACUUCAC G CCACACUC 12486 9219 UUUUGGAG G CCCAACUC 12486 9219 UUUUGGAG G CCCAACUC 12486 9192 CCUCCCAAGCCA G UCCUCAAC 12486 9112 AGCCCCCAA G CCCACAGCC 12486 9121 AGCCCCCAA G CCCACAGCC 12486 9124 AACUUCACA G CCCACAGCC 12496	Laure All	GGAGGAAACUCCCUUCAAGGACAUCGUC	GGAGGAAACUCCCUUCAAGGACAUCGU	GGAGGAAACUCCCUUCAAGGACAUCGUC	GGAGGAAACUCCCUUCAAGGACAUCGU	GGAGGAAACUCCCUUCAAGGACAUCGUC	GGAGGAAACUCCCUUCAAGGACAUCGUC	GGAGGAAACUCCCUUCAAGGACAUCGUC	GGAGGAAACUCCCUUCAAGGACAUCGU	GGAGGAAACUCCCUUCAAGGACAUCGUC	GGAGGAAACUCCCUUCAAGGACAUCGU	GGAGGAAACUCCCUUCAAGGACAUCGUC	GGAGGAAACUCCCUUCAAGGACAUCGU																											
9320 CCAAGUCA G CUCUCGUG 9314 CAGCUCUC G UGANGGGG 9309 CUCGUGAN G CGGGUGUC 9303 AUGCGGGU G UGUCCAGC 9297 AUGCGGGU G UGUCCAGC 9297 GUUDCCCA G CUGUGUCA 9290 AGCCAGCUG G UGUCAUCA 9281 CCCAGCUGU G UGUCAUCA 9282 CCCAGCUGU G UGUCAUCA 9281 UGUCAUCA G CCGGGUGC 9281 UGUCAUCA G CCGGGUGC 9281 UGUCAUCA G CCCCAGGC 9281 UGUCAUCA 9282 GGCCCGGG G UGCCCAACU 9282 GGCCCGGGU G CCCAACUC 9213 AACUCCAC G CCGGGUGC 9213 AGCCCCCAG G CCCCAGGC 9214 AACUCCAA G CCCAAGCC 9219 CCCCCCAGG G CCCAAGCC 9219 UUUUGGAG G CCCCAAGCC 9219 UUUUGGAG G CCCCAAGCC 9219 UUUUGGAG G CCCCAAGCC 9117 AACCUCCAA G CCCCCGAGC 9117 AGCCCAGU G UGCUCCUU 9117 AGCCCAGU G CCCCAAGCC 9117 AGCCCAGU G CCCCAAGCC 9117 AGCCCAGU G CCCCAAGCC 9117 AGCCCAGU G CCCCAAGCC 9117 AGCCCAGU G CCCCCAAGC 9117 AGCCCCAGU G CCCCCAAGC 9117 AGCCCCCAGU G CCCCCAAGC 9117 AGCCCAGU G CCCCCAAGC 9117 AGCCCCCAGU G CCCCCCAGG 9117 AGCCCCCAGU G CCCCCCAGG 9117 AGCCCCCAGU G CCCCCAGG 9117 AGCCCCCAGU G CCCCCAGG 9117 AGCCCCCAGU 9117 AGCCCCC		L		GACACCCG	CUGGGACA	Щ		UGACACAG	UGAUGACA	GCUGAUGA	GAUCUAUG	മാളമാ	Ц			ACAUCCUG	Ц		Н					AAUGAAGA	GUUCGAGG	GGAGCUCG			4		_			UGCAUUUA						Н
9320 CCAAGUCA G 9314 CAGCUCUC G 9319 CUCGUGAN G 9305 UGANGCGG G 9297 GUGUCCCA G 9293 CCCAGCCA G 9288 CCCAGCCA G 9281 UGUCAUCA G 9281 UGUCAUCA G 9281 UGUCAUCA G 9282 CCCAGCCA G 9284 AACUUCAC G 9213 AGCCCCAG G 9255 GGCCCGG G 9257 CAGGCCG G 9257 CAGGCCG G 9257 CAGGCCG G 9257 CAGGCCAG G 9257 CAGGCCAG G 9257 CAGGCCAG G 9258 CCCAGGAN G 9213 AGCCCCAA G 9213 AGCCCCAA G 91149 AGCCCCAA G 9112 AGCCCCAA G 91149 AGCCCAAAU G 91149 AGCCCCAA G 91149 AGCCCAAAU G 91140 AGCCCCAA G 91140 AGCCCAAAU G 91140 AGCCCAAAU G 91140 AGCCAAAU G 91140 AGCCAAAU G 91140 AGCCCAAAU G 91140 AGCCAAAU G 91140 AGCCCAAAU G 91410 AGCCAAAU G 91410 AGCAAAU G 91410 AGCCAAAU G 91410 AGCAAAU G 91410 AGCCAAAU G 91410 AGCAAAU G 91410 AGC		12468	12469	12470	12471	12472	12473	12474	12475	12476	12477	12478	12479	12480	12481	12482	12483	12484	12485	12486	12487	12488	12489	12490	12491	12492	12493	12494	12495	12496	12497	12498	12499	12500	12501	12502	12503	12504	12505	12506
9320 9314 9316 9316 9316 9297 9297 9297 9298 9288 9288 9281 9270 9255 9257 9257 9257 9219 9171 9171 9171 9171 9171 9171 917		စ ၅		စ	b	9	O	b	O	ø	Ö	Ø	ø	Ø	G	O	اها	Ø	ဗ	Ð	O	Ð	Ø	b	b	Ø	ט	ט	ซ	٥	ט	ŋ	စ	ບ	Ø	Ð	G	ט	Ø	ט
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		1710 932	Н	-	L	L	1733 929	1737 929	1740 929	1742 928	L	⊢	1768 926	1773 925	H	<u> </u>	-	1801 922	Н	-	Н	Ш	_	<u> </u>	_	H	\dashv	-	\dashv	ᅱ	_		Н	_	_	H		2014 901	Щ	2022 900

Table XII

2029	9001		12508	AUGAGGAG GGAGG		GCGAGGCA	34793
2070	8960	O	12509	CAGAGAAG GGAGG		AGUUGAAG	34794
2079	8951	ວດວວດວອວ ອ ອດວດວດດວ	12510	GAGGAGCG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG C	CAGAGAAG	34795
2081	8949	ucucuage a cuccucca	12511	UGGAGGAG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GC	GCCAGAGA	34796
2098	8932	UUGAUUCU G CUCUUCAA	12512	UUGAAGAG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AC	AGAAUCAA	34797
2112	8918	ø	12513	vivigegue gange	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG C1	CAUGUUUG	34798
2121	8909	B	12514		GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UI	vougagua	34799
2124	9068	CCAAAGCU G CAUUGCUG	12515	CAGCAAUG GGAGG		AGCUUUGG	34800
2129	8901	GCUGCAUU G CUGUUGAC	12516	GUCAACAG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AA	AAUGCAGC	34801
2132	8688	GCAUUGCU G UUGACCUU	12517	AAGGUCAA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AC	AGCAAUGC	34802
2162	8988	UCUCGAGA G CACAUUCU	12518	AGAAUGUG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UC	UCUCGAGA	34803
2176	8854	UCUGGGAC G UUUUUCUC	12519	GAGAAAAA GGAGG	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GI	GUCCCAGA	34804
2187	8843	UUUCUCUG G CCAAAAC	12520	GUUUUUGG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CI	CAGAGAAA	34805
2196	8834	CCAAAAAC G CCCACAAC	12521	GUUGUGGG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GI	GUUUUUGG	34806
2207	8823	CACAACCA G UUGGUGGU	12522	ACCACCAA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UC	ഗദേഗ്ധദ്ധദ	34807
2211	8813	ACCAGUUG G UGGUCUCA	12523	UGAGACCA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CI	CAACUGGU	34808
2214	9188	AGUUGGUG G UCUCAUUG	12524	CAAUGAGA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG C	CACCAACU	34809
2224	9088	Ø	12525	AGUACGUG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UC	UCAAUGAG	34810
2228	8802	UUGAGCAC G UACTUCAC	12526	GUGAAGUA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GI	GUGCUCAA	34811
2245	8785	UCCUUCUG G CGGUUCAG	12527	CUGAACCG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG C	CAGAAGGA	34812
2248	8782	UUCUGGCG G UUCAGGAG	12528	CUCCUGAA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CC	CGCCAGAA	34813
2256	8774	GUUCAGGA G CUUUCGUG	12529	CACGAAAG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG U	UCCUGAAC	34814
2262	8928	DC G	12530	GGUGGACA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G1	GAAAGCUC	34815
2264	9928	an G	12531	AAGGUGGA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AC	ACGAAAGC	34816
2287	8743	o	12532	GGCAGCAG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G1	GAGUGUUC	34817
2290	8740	CACUCGCU G CUGCCCGA	12533	UCGGGCAG GGAGG	GOAGGAAACUCCCUUCAAGGACAUCGUCCGGG AC	AGCGAGUG	34818
2293	8737	D D	12534	ccuucege ggagg	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AC	AGCAGCGA	34819
2304	8726	CGAAGGGA G UAGUGUCA	12535	UGACACUA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG U	ucccuuce	34820
2307	8723	Ö	12536	GACUGACA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG U	UACUCCCU	34821
2309	8721	ט	12537	AUGACUGA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AC	ACUACUCC	34822
2313	8717	G	12538	GGCCAUGA GGAGG		UGACACUA	34823
2319	8711	Ö	12539	CACCAUGG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG C	CAUGACUG	34824
2325	8705	извессала в извиласа	12540	UGUUACCA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG C	CAUGGCCA	34825
2328	8702	CCAUGGUG G UAACAUUC	12541	GAAUGUUA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CA	CACCAUGG	34826
2337	8693	JC G	12542	CACCAUCA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GI	GAAUGUUA	34827
2343	8687	ø	12543	AUGGGACA GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CI	CAUCACGA	34828
2345	8685	Ö	12544	CCAUGGGA GGAGG		ACCAUCAC	34829
2353	8677	១	12545	UCUCAAAA GGAGG		CAUGGGAC	34830
2365	8665	UGAGAGGA G CCUGACCA	12546	UGGUCAGG GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UC	UCCUCUCA	34831
2386	8644	AUUGACCA G CGAACUGG	12547	ccaguuce ggagg	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUCAAU	IGGUCAAU	34832

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8636		25021	AGGLOCAL GOAGGAAGGAAGGAAGGAAGGAAGGAAGGAAGGAAGGAA	
8631	CUGGCGGA G CCUGUGGG	12549	1 1	34834
8627	CGGAGCCU G UGGGCUUC	12550	- 1	34835
8623	GCCUGUGG G CUUCACAU	12551		34836
8607	UCAUAACU G CCGUGAUA	12552		34837
8604	UNACUGCC G UGAUAGUU	12553		34838
8538	CCGUGAUA G UUCCAGGU	12554		34839
8591	AGUUCCAG G UUCUAUAU	12555		34840
8580	CUANAUGO O UGGUUCUC	12556		34841
8577	UAUGGGUG G UUCUCAUC	12557	GAUGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCCAUA	34842
8568	UNCUCAUC G UGGUGCCA	12558	UGGCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGAGAA	34843
8565	UCAUCGUG G UGCCACGU	12559		34844
8563	AUCGUGGU G CCACGUCG	12560	í	34845
8558	GGUGCCAC G UCGAACUG	12561	CAGUUCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGCACC	34846
8550	GUCGAACU G UACUCACG	12562	- 1	34847
8542	GUACUCAC G CCUGAGUC	12563	GACUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAGUAC	34848
8536	ACGCCUGA G UCGUUCAA	12564		34849
8533	CCUGAGUC G UUCAAUCC	12565		34850
8523	UCAAUCCU G UUCUUGAU	12566	AUCAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAUUGA	34851
8507	UUUUACUG G UGUCUGAG	12567		34852
8505	UNACUGGU G UCUGAGUU	12568		34853
8499	GUGUCUGA G UUGAGCAG	12569		34854
8494	UGAGUUGA G CAGGGGUU	12570	- 1	34855
8488	GAGCAGGG G UUUUCCCA	12571		34856
8477	UUCCCACC G CCCUGGUU	12572		34857
8471	ccacccua a unccacuu	12573	AAGUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCGG	34858
8457	CUUCCCAA G UUUACAUC	12574	i i	.34859
8442	ucuvecue a vauvagaa	12575		34860
8434	GUAUUGGG G UCCCUUCC	12576		34861
8423	ccuuccag g uccuuuu	12577	AAAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAAGG	34862
8398	UCCUAGGA G CACCUGGC	12578	GCCAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUAGGA	34863
8391	AGCACCUG G CUGGUCAU	12579		34864
8387	CCUGGCUG G UCAUAUUC	12580		34865
8371	CACUGAAU G UACCACAU	12581	AUGUGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCAGUG	34866
8361	ACCACAUU G CCUGAAGC	12582	GCUUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGUGGU	34867
8354	UGCCUGAA G CUCGACUC	12583		34868
8331	UACAUCUC G UGCGUGGA	12584		34869
8329	CAUCUCGU G CGUGGAAU	12585	AUUCCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAUG	34870
8327	ucuceuec e uceaauuc	12586	GAAUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAGA	34871
9217	Orrogon of County and	12507	DIMINATO DODOCIONINO CON CONTROL CONTR	21072

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2719	8311	cceucaga e uggeunuc	12588	GAAACCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCACGG	34873
2723	8307	GAGAGUGG G UUUCUGAC	12589	GUCAGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCACUCUC	34874
2734	8296	ncaercy e accecce	12590	GGGGGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUCAGA	34875
2750	8280	CCAUACCG G CGUUGGAG	12591	CUCCAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUAUGG	34876
2752	8278	AUACCGGC G UUGGAGCA	12592	UGCUCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCGGUAU	34877
2758	8272	GCGUUGGA G CAGCUCCA	12593	UGGAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAACGC	34878
2761	8269	UUGGAGCA G CUCCAUCU	12594	AGAUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCCAA	34879
2785	8245	GACTUTICG G CAUGUAGG	12595	CCUACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGAAAGUC	34880
2789	8241	UUCGGCAU G UAGGGGCA	12596	UGCCCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCCGAA	34881
2795	8235	AUGUAGGG G CAGAGCAC	12597	GUGCUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUACAU	34882
2800	8230	GGGCAGA G CACCUUCA	12598	UGAAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGCCCC	34883
2810	8220	ACCUUCAC G CAAAAUUC	12599	GAAUTUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAAGGU	34884
2824	8206	unccenna a ecencean	12600	ACCGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGGGAA	34885
2831	8199	GCCCUCG G UGCAGCCA	12601	UGGCUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGAGGGCC	34886
2833	8197	cccuceeu e caeccaeu	12602	ACUGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGAGGG	34887
2836	8194	ucegueca e ccaguccu	12603	AGGACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCACCGA	34888
2840	8190	UGCAGCCA G UCCUCAAC	12604	GUUGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCUGCA	34889
2868	8162	CCCGAAUC G UCCUAUGC	12605	GCAUAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUCGGG	34890
2875	8155	CGUCCUAU G CUCUUCAA	12606	UUGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAGGACG	34891
2889	8141	CAACCUCA G CACUUGAC	12607	GUCAAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGGUUG	34892
2912	8118	UCUCCGAU G UCACAAAG	12608	CUUUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGGAGA	34893
2925	8105	AAAGGAGG G UGUCACAA	12609	UNGUGACA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCUCCUUU	34894
2927	8103	ø	12610	UGUUGUGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCCUCCU	34895
2944	8086	cucagaag e ucuguaga	12611	UCUACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCUGAG	34896
2948	8082	GAAGGUCU G UAGAACAC	12612	GUGUUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACCUUC	34897
2976	8054	ucuucaug g ugacaaug	12613	CAUUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGAAGA	34898
2984	8046	D G	12614	GGAUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGUCAC	34899
3001	8029	AUAACUUU G CACUAGUU	12615	AACUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGUUAU	34900
3007	8023	Ø	12616	AGCCCCAA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UAGUGCAA	34901
3013	8017	uaguugga a cucuucau	12617	AUGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCAACUA	34902
3022	8008	CUCUUCAU G UCCGGGAC	12618	GUCCCGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUGAAGAG	34903
3032	7998	D G	12619	ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCCCGG	34904
3039	1991	cocconn e nanycccn	12620	AGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGGCG	34905
3041	7989		12621	AGAGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAAGGG	34906
3072	7958	9 9	12622	UAUGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAAAAAA	34907
3075	7955	Ö	12623	CUAUAUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AACCCAAA	34908
3083	7947	Z.	12624	UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUAUGGC	34909
3095	7935	Ö	12625	GGAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUUGGUG	34910
3113	7917	ø	12626	GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAUG	34911
3133	7897	UCCGACCG G UUCGAGAA	12627	UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUCGGA	34912

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3148	7882	AAACCUCC G UUCGACCA	12628		34913
3157	7873	UUCGACCA G CCAUCUCA	12629	UGAGAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUCGAA	34914
3166	7864	CCAUCUCA G UUUUGCUG	12630	CAGCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUGG	34915
3171	7859	ucaguum e cueueccc	12631	GGGCACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACUGA	34916
3174	7856	GUUUUGCU G UGCCCCUA	12632	UAGGGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAAAAC	34917
3176	7854	UNUGCUGU G CCCCUAGA	12633	UCUAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGCAAA	34918
3193	7837	GACUGGAU G CCCUCCAG	12634	CUGGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAGUC	34919
3201	7829	GCCCUCCA G UGACAUUG	12635		34920
3209	7821	gugacauu e ccuucuuu	12636	AAAGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGUCAC	34921
3222	7808	connection of condition	12637	AAAACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAAAG	34922
3224	7806	vuccueec e veruvuec	12638	GCAAAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGGAA	34923
3226	7804	ccueeceu e uumecce	12639		34924
3231	7799	CGUGUUUU G CCGCUGAG	12640	CUCAGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACACG	34925
3234	7796	GUUUUGCC G CUGAGCGA	12641	UCGCUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAAAAC	34926
3239	7791	GCCGCUGA G CGAUCGAC	12642	GUCGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGCGGC	34927
3258	7772	CGAUGAUG G CCUCUUUG	12643	CAAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAUCG	34928
3266	7764	accucum e ceanaccu	12644	AGGUACCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGAGGC	34929
3269	7761	UCUTUGCO G UACCUAGU	12645	ACUAGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAAAGA	34930
3276	7754	GGUACCUA G UGAACUCU	12646	AGAGUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGUACC	34931
3291	7739	CUUCUUUU G UCAUCUGG	12647		34932
3299	7731	GUCAUCUG G UUGAGUCU	12648	AGACUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAUGAC	34933
3304	7726	CUGGUUGA G UCUUUCUU	12649	AAGAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACCAG	34934
3330	7700	CUCCCAAG G UGCGUCCU	12650		34935
3332	7698	CCCAAGGU G CGUCCUUU	12651		34936
3334	9694	CAAGGUGC G UCCUUUUG	12652	CAAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACCUUG	34937
3342	7688	GUCCUUUU G CCCCACCU	12653	AGGUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAGGAC	34938
3358	7672	UCUUUUNA G UCCUGGUU	12654		34939
3364	7666	UNGUCCUG G UNUUUCCA	12655	- 1	34940
3374	7656	UNUUCCAU G UUCUUUAU	12656		34941
3385	7645	CUUDAUGA G UGUCCAUG	12657	. 1	34942
3387	7643	UUAUGAGU G UCCAUGUU	12658		34943
3393	7637	GUGUCCAU G UNAUGGAU	12659		34944
3424	9094	ACCCCAC G CAUGAUGU	12660	ACAUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGGGGU	34945
3431	7599	CGCAUGAU G UGGCAGAG	12661	CUCUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAUGCG	34946
3434	7596	AUGAUGUG G CAGAGUCC	12662		34947
3439	7591	GUGGCAGA G UCCGAUGG	12663	CCAUCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGCCAC	34948
3447	7583	GUCCGAUG G CAGUUGUU	12664		34949
3450	7580	CGAUGGCA G UUGUUGCG	12665	CGCAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCAUCG	34950
3453	7577	uggcaguu g uugcguuc	12666	GAACGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUGCCA	34951
3456	7574	CAGUUGUU G CGUUCCAA	12667	UUGGAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAACUG	34952

Table XII

3458	7572	guoguac a unccasac	12668	GUUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAACAAC	34953
3470	7560	CAAACAGA G CUUGCUCC	12669	GGAGCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGUUUG	34954
3474	7556	cadageou e cuccatuc	12670	GAAUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCUCUG	34955
3490	7540	CUCCCAAA G CGUCACCG	12671	CGGUGACG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUUGGGAG	34956
3492	7538	ס	12672	AGCGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUGGG	34957
3498	7532	ecencycc e cneceecc	12673	GGCCGCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGUGACGC	34958
3501	7529	ncyccecn e ceeccene	12674	CACGGCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGCGGUGA	34959
3504	7526	ccecuece e cceueauc	12675	GAUCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAGCGG	34960
3507	7523	CUGCGGCC G UGAUCAAA	12676	UUUGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCGCAG	34961
3522	7508	AAAUUCCG G CUUCUCGU	12677	ACGAGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAUUU	34962
3529	7501	nonenown e nonnaee	12678	AGACAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAAGCC	34963
3534	7496	ø	12679	UGUGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUACGAG	34964
3548	7482	O	12680	GUAGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGUCUGU	34965
3561	7469	CUACUACU G CAGCUAGA	12681	UCUAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUAGUAG	34966
3564	2466	CUACUGCA G CUAGAGAC	12682	GUCUCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAGUAG	34967
3583	7447	ט	12683	AGAUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUCUUG	34968
3592	7438	២	12684	AAGUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUCAUG	34969
3607	7423	ט	12685	CCAUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGAAA	34970
3616	7414	CAUGAUGG G UGUGGUGC	12686	GCACCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAUCAUG	34971
3618	7412	몱	12687	GCGCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCAUCA	34972
3621	7409	99 9	12688	AGAGCGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACCCA	34973
3623	7407		12689	UVAGAGCO GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCACACC	34974
3625	7405	U	12690	AAUUAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACCACA	34975
3641	7389	O	12691	GCCACGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GUCCCAGA	34976
3645	7385	O	12692	CGUGGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACGUCC	34977
3648	7382	cgucceug a ccacaaug	12693	CAUCGUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CACGGACG	34978
3656	7374		12694	GUGGAUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUCGUGGC	34979
3669	7361	O	12695	GAAGAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUAGUGG	34980
3671	7359	ဗ	12696	AUGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGUAGU	34981
3687	7343	O	12697		34982
3690	7340	O	12698	GCGGACAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGCCGGAA	34983
3693	7337	ceeccecn e ncceccec	12699	GCGGCGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCCG	34984
3697	7333	වච්චායවයට ව යටගඩගයවට	12700	CCCAGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACAGCG	34985
3700	7330	vauccecc e cueeecue	12701	CAGCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGACA	34986
3705	7325	3G G	12702	GCGCUCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCAGCGGC	34987
3710	7320	O	12703	GCAAUGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGCCCA	34988
3712	7318	ø	12704	AGGCAAUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GCUCAGCC	34989
3717	7313	O	12705	AGCUGAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAUGCGCU	34990
3723	7307	ន	12706	UUGGCAAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAGGCAA	34991
3727	7303	CUCAGCUU G CCAACCGG	12707	CCGGUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCUGAG	34992

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3743	7287	GGAACCAU G UAGGCAUA	12708	Composite Consolitor apparantimount are apparent attractions	24002
3747	7283	9 9	12709		34994
3752	7278	UAGGCAUA G UGGCAAAA	12710	GGAGGAAACUCCCUIICAAGGACAIICGIICCGG	34995
3755	7275	GCAUAGUG G CAAAAAG	12711	GGAGGAAACUCCCUUCAAGGACAUCGIICCGGG	34996
3766	7264	AAAAAGGA G UGUUGCCG	12712	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34997
3768	7262	AAAGGAGU O UUGCCGCU	12713		34998
3771	7259	O	12714	AACAGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACUCC	34999
3774	7256	ซ	12715	GGUAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAACAC	35000
3777	7253	٥	12716	UACGGUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCAA	35001
3783	7247	O	12717	CACCGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAACAG	35002
3789	7241	O	12718	CACCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUUACGG	35003
3795	7235	ບ	12719	ACAAGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUCACCG	35004
3802	7228	GGUGACUU G UCCCCAGC	12720	GCUGGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUCACC	35005
3809	7221		12721	ŧ	35006
3816	7214	0	12722	GCUAGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAUGCU	35007
3819	7211	O	12723	CCUGCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGAU	35008
3823	7207	ט	12724	CUCUCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCAGCC	35009
3831	7199	GCAGGAGA G CCGACACU	12725	AGUGUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCCUGC	35010
3860	7170	A G	12726		35011
3865	7165	0)	12727	CACUCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCUUC	35012
3867	7163	AGCCUCGC G CGAGUGUG	12728	1	35013
3871	7159	O	12729	UAUUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGCGA	35014
3873	7157	ס	12730	ACUAUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGCGC	35015
3880	7150	٥	12731	CAAGUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUCACA	35016
3882	7148	UGAAUAGU G CACUUGCC	12732	GGCAAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUAUUCA	35017
3888	7142	D G	12733	CGUUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGCAC	35018
3896	7134	Ø	12734	UCAAUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCAGGC	35019
3906	7124	ט	12735		35020
3915	7115	ט	12736		35021
3917	7113	٥	12737	- 1	35022
3923	7107	o۱	12738	UCAGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAACAC	35023
3933	7097	٥	12739		35024
3943	7087	O D	12740	UGCUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGAUC	35025
3949	7081	ဗ	12741	CUCCACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAGCAU	35026
3952	7078	٥	12742	UCACUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAAAG	35027
3957	7073	0	12743	GGUCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACUGC	35028
3966	7064	ס	12744	GACAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCCUCA	35029
3969	7061	b	12745	1	35030
3972	7058		12746		35031
3978	7052	UUGUCACA G CGUACAGU	12747	ACUGUACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGACAA	35032

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3980	7050	GUCACAGC G UACAGUGA	12748	UCACUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCI	GCUGUGAC	35033
3985	7045	AGCGUACA G UGACCAGG	12749		SUACGCU	35034
3993	7037	o	12750	GGCAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGUCAC	UGGUCAC	35035
3996	7034	ACCAGGCU 6 UUGCCGGC	12751	GCCGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG.AGCCUGGU	accuagu	35036
3999	7031	თ	12752	GAGGCCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAC	AACAGCCU	35037
4003	7027	ø,	12753	ACTUGAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CG	CGGCAACA	35038
4010	7020	o	12754	CUUUUGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UU	UUGAGGCC	35039
4031	6669	AU G	12755	AAUUUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUG	AUGGGAGA	35040
4060	6970	9 00 01	12756	NEUTRICE GEAGGAAACUCCCUUCAAGGACAUCGUCGGG AAL	AAAGAAUU	35041
4073	6957	AACAAACU G CUUAUGUC	12757	GACAUAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGI	AGUUUGUU	35042
4079	1569	AU G	12758	AAGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUI	AUAAGCAG	35043
4089	6941	O	12759	AGAUAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAL	CAAGAGUG	35044
4099	6931	CUDAUCUA G CCAACCCA	12760	negennee egaegaaacucccuucaaggacauceucceee uac	UAGAUAAG	35045
4112	6918	JC G	12761	GCAGCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GAK	GAGAUGGG	35046
4116	6914	ucuceune e cueccacu	12762	PODCECHO GOYGGYYYCCCONCYYGGYCYNCGNCCGGG CY	CAACGAGA	35047
4119	1169	cenneecu e ccacuece	12763	CGCAGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGG	AGCCAACG	35048
4125	6905	Ð	12764	UGUGAGCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGI	AGUGGCAG	35049
4127	6903	Ф	12765	CUUGUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCI	GCAGUGGC	35050
4137	6893	UCACAAGG G UCAUGACA	12766	UGUCAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCI	ccuuguga	35051
4161	6989	GGAACACG G CUAGCUGG	12767	CCAGCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CGI	cenenncc	35052
4165	6865	CACGGCUA G CUGGUUGU	12768	ACAACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UAC	UAGCCGUG	35053
4169	6861	acuaecue e tueucueu	12769	ACAGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CA(CAGCUAGC	35054
4172	6858	O	12770	CAGACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AA(AACCAGCU	35055
4176	6854	. 1	12771		AGACAACC	35056
4180	6850	5 6	12772	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	AGACAGAC	35057
4186	6844	₽C G	12773	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GUUCGCAG	35058
4189	6841	5 G	12774	CAGAGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AA(AACGUUCG	35059
4198	6832	ס	12775	UUCCUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAC	CAGAGAAG	35060
4210	6820	ᇰ	12776	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UAAUUCCU	35061
4234	9629	စ	12777	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ucucccuu	35062
4237	6793	8	12778	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ກອດກວດດ	35063
4248	6782	ø	12779	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CGGAAUGU	35064
4257	6773	O	12780	UCCAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAA	GAAGAUCG	35065
4272	6758	ט	12781	UUGGAUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGA	UGAAGUUC	35066
4290	6740	ס	12782	AGUCGCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUI	connoco	35067
4293	6737	٥	12783	GGGAGUCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GAC	GACCUUUU	35068
4308	6722	۵ ۲	12784	GGGAGGCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGI	വദനവേദദ	35069
4310	6720	Ö	12785	UUGGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCI	ecuencen	35070
4334	9699	0 0	12786	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	AUUGGAAA	35071
4342	6688	GCCCUUCC G CUGCAUGA	12787	UCAUGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGA	GGAAGGGC	35072

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4339 6613 UCHOANDOR O LANDORO 12799 UGUIGANDO GORGABARCINCCCUTCARGABANUCCCCOGO AUDOCOCO 4339 6613 CANUCARO O CARNUGAC 12739 UGUIGANDO GORGABARCINCCCUTCARGABANUCCCCOTTCARGABANUCCCCOGO AUDOCOCO 4339 6613 CANUCARO O CANUCACO 12739 CUCARADO CUCARADO 4413 6610 AGADUCUA CANUCARA 12739 CUCARADO	4345	6685	conceen e caneaeaa	12788	UCCUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGAAG	35073
6611 UCARUNAG G CANUCAGG 12790 CUICARUNG G GARGARAACUCCCUUCAAGGACAUCGUCGGG 6625 AGGARAUG G CANUCAGG 12791 GACAAUUG GGAGGAAACUCCCUUCAAGGACAUCGGGGGGGGGG	4371	6599	O	12789	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35074
6632 CAMICARG G CARNUGUC 12791 GACARATUG GARGARAACUCCCUTCARGACACUCCOCCOTOCAGGACAUCCUCCOGG 6617 AGCARAUG G UCUGBAG 12793 UCUCUCAGA GAGGABACUC GAGGAAACUCCCUTCARGACACUCCGGG 6617 AUCUCAGA GAGAACUC GAGAACUC CUCCAGAGA 6617 AUCUCACA 12793 GACCAGAACA GAGAAACCCCCUTCAAGGACAUCCUCCAGG 6618 AUCUCACA 12794 AGGAACUC GAGAAACCCCCUTCAAGGACAUCCCCCCGG 6518 GCCAAUCC 12795 GAGAACCC GAGAAACCCCCCUTCAAGGACAUCCCCCGGG 6518 GCCAAUCC 12796 AGGACCCA GAGAAACCC GAGCAACCG 6518 GCCAAUCC 12796 AGGACACG GAGGAAACCCCCCUTCAAGGACAUCCGCGGG 6510 CUUCCCA 12791 AGGACACG GAGGAAACCCCCCUTCAAGGACAUCCGCGGG 6510 CUUCCCA 12800 UGUCGCA GAGAACCG GAGGAAACCCCCUTCAAGGACAUCCGCGGG 6510 CUUCCCA 12801 GAGCAACG GAGGAAACCCCCUTCAAGGACAUCCGCGGGGGGGGGGGGG	4389	6641	O	12790	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	32028
6658 ARGOLANIU G UUCUGAGA 12739 GCCAGANIG GRAGGAAACUCCCUUCAAGGACAUCGUCGGG 6617 UCUGAGAG 12739 GCCAGANG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6617 AUCUGGCA 0.2779 GCGAAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6618 AUCUGGCA 0.0000 12791 GAGAAUGG GAGAAAUG GGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6584 CUCUCAGG 0.0000 12797 GAGACUCA GGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6584 CUCUCUCA 12797 AGAACUCA GGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6585 CUCUCUCA 12797 GGAGCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6586 CUCUCUCA 12780 GGAGCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6585 CUCUCACA 12801 CGUUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6586 CUCUCACA 12801 GGUUCACGG GGAGGAAAACUCCCUUCAAGGACAUCGUCGGG 6585 CUCUCACA 12801 GGUUCACAG GAGACCACG GAGGGAAAACUCCCUUCAAGGACAUCGUCGGG 6586 CUCUCACAC UUCACACG GAGCACGG <td< td=""><td>4398</td><td>6632</td><td>0</td><td>12791</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>920SE</td></td<>	4398	6632	0	12791	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	920SE
6617 UCUCRARA G AURUCISC 12794 GCCRGANIO G GRAGGAAACUCCCUTCAAGGACAUCGUCGGG 6607 AUCUCIAGO 12794 AGGAACUG GGRGGAAACUCCCUTCAAGGACAUCGUCGGG 6607 AUCUGGCA UUCUCCCAGG CCUCCAGG CCUCCAGG CCUCCAGG 6508 CUCUCCAGG CCUUCUCCA 12795 AGGACACAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6588 CUCUCCAGG CCUUCUCCA 12799 AGGAGAAACUCCCUUCAAGGACAUCGUCGGG 6588 UUCUCUCCA 12799 AGGAGAACACCCUUCAAGGACAUCGUCGGG 6589 UUCUCUCCA 12799 AGGACACUG GGACACCUG 6589 UUCUCUCCA GAGCACCUG GGACACAC GAGCACACG GGACACACG 6581 UUCUCUCCA GAGCACACG GAGCACACG GAGCACACG GAGCACACG 6582 UUCUCUCCA UUCUCCCUUCAAGGACAUCGUCCGGG GGACACACG GAGCACACG GAGCACACG 6583 UUCUCCAAC UUCUCCCUUCAAGGACAUCGUCCGGG GGACACACG GGACACACG GGACACACG 6584 UUCUCCAAC UUCUCCCUUCAAGGACAUCGUCCGGGG GGAGACACACCCCUUCAAGGACAUCGUCCGGG <td>4404</td> <td>6626</td> <td>O</td> <td>12792</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>12058</td>	4404	6626	O	12792	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	12058
6610 ARCANICUR G CARUNCCY 12794 AGGAACUG GGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6607 ANUCUCGAG G UCKNUTCU 12795 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6586 CUCUCCAG G UGAGCCU 12796 CAGAAACGG GGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6588 GCCAUUCU 12797 AGAGCUCA GGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6584 UUCUUGA GAUGGCC 12797 AGAGCUCA GGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6585 UUCUUGA G GAUGGCC 12809 UGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6586 UUCUUGA G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6560 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6580 UUCUUGA G JABOCCACAACG 12809 UGUGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6581 UUCUCCAAC 12809 UGUGGAAACUCCCUUCAAGGACAUCGUCCGGG 6582 CUUCCAAC 12809 CGUUGAAACUCCCUUCAAGGACAUCGUCCGGG 6584 UUCCAAGU UUCUCCCA 12809 GGAGAAACUCCCUUCAAGGACAUCGUCGGG 6585 CUUCCCAAC 12809 GCACUUCA GGAGAAACUCCCCUUCAAGGACAUCGUCGGG 6586 CUUCCCAA UUCUCCCA </td <td>4413</td> <td>6617</td> <td>Ø</td> <td>12793</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>35078</td>	4413	6617	Ø	12793	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35078
6607 AUCUGGGA GUUCUCCA 12795 UGGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6586 COUCAGGA G CAUUUCU 12796 CAGAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6584 UUCUGUGA G CUCUUCCU 12796 CAGAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6584 UUCUGUGA G UGGCCACA 12801 GGCCACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6565 CUUCUGCA 12801 GGCCACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6565 CUUCUGCA 12801 CGUUCUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6565 CUUCAGAG UGCACACA 12801 CGUCUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6552 CUCCAACA 12802 ACCAUUUA GGACCUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6554 GCCACAAC 12803 ACUUGAGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6554 GCCACACA 12803 ACUCUGAGA GGACCUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6554 GCCACACA 12803 ACUCUGAG GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG 6554 GCUCUCACA UCCACACAC 12805 ACCACAC	4420	0199	Ð	12794	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35079
6596 CCUCCAGG G COANUDUUG 12796 CAGAANGG GGAGAAAACUCCCUUCAAGGACAUCGUCGGG 6588 BOCOULOUG G UARGCTCU 12797 AGAGCUCA GGAGGAAAACUCCCUUCAAGGACAUCGUCGGG 6586 CUUUCUCU G CAGUGGC 12799 GGAGGAAAACUCCCUUCAAGGACAUCGUCGGG 6566 CUUUCUCU G CAGUGGC 12799 GGCCACUG GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG 6563 UUCUUCU G CAGUAGC 12800 UGUGGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6563 UUCUCUCA 12801 CGUUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 65545 CUUCACAAG 12801 CGUUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 65543 UUCACAAGU UCUUCCCA 12803 ACUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 65540 UUCUCCCA 12804 GCACUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 65541 UUCUCCCA 12804 GCACUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6551 CUUCCCAU UUCUCCCA 12804 GCACUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6521 CUUCCCAU UCUUCCCA 12806 GCCUUCACA GGAGGAAACUCCCUUCAAGGACAU	4423	2099	D,	12795	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35080
6588 GOCAUDICU G UBAGAUCU 12799 AGBAGCUCO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6584 UUCUGUUG G CUCUUCCU 12799 GGACACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6566 CUUUCUUC G CUCUUCCA 12800 UGUGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6566 CUUUCUUC G CUCCAACU 12801 CUUUCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6567 CUCCAACU 12802 ACCAUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6574 CUCCAACU 12803 ACUUUGAC 12804 6575 CUUCCAAGU 12803 ACUUUGAC 12804 6574 CUUCCAACU 12804 GCACUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6575 CUUCCAACU 12804 GCACUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6576 CUUCCAACU 12805 GGACUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6576 CUUCCAACU 12807 GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6576 CUUCCCAUC 12807 GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6577 CUUCCUUCA 12807 GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6580 CUCCUUCA <td>4434</td> <td>9659</td> <td>Ø</td> <td>12796</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>35081</td>	4434	9659	Ø	12796	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35081
6584 UNICUGURA G CUCUUCCU 12798 AGGAAGAACUCCCUUCAAGGACAUCGUCCGGG 6566 CUUCUUCA CABUUCCU 12799 GGCCACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6563 UCUUCUGC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6560 CUUCUCCA GUACACAC 12801 CGUUGUGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6550 UCUCUGCA Q UACACAC 12801 CGUUGUGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6552 CUUCACAAC Q UACACACC 12802 ACUUGAGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6534 UACACAGG UACACAGG 12803 ACUUGAGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6536 UACUCCAA UAGGAAACA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6536 UACUCCAA 12803 ACUGGAAACUCCCUUCAAGGACAUCGUCCGGG 6536 AUGCCAACA 12804 GCACUGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6536 AUGCCAACA 12809 GCCUGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6536 AUGCCAACA 12809 UGCCUGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6536 GAGGAAACUCCCUUCAAGGACAUCGUCCACGGG 6536 GAGGAAACUCCCUUCAAGGACAUCGUCCCUU	4442	6588	9	12797	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35082
6566 CUUNUCUOU G CAGUGGCC 12799 GGCCACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6563 UCUCUGCA GU GAGCGAAACUCCCUUCAAGGACAUCGUCCGGG 6550 CCACAACA G UACAUGGU 12802 ACCAUGUA GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6552 GCCACAAC G UACAUGGU 12802 ACCAUGUA GAGAAACUCCCUUCAAGGACAUCGUCCGGG 6543 UACAUGGU 12803 ACUUGACA GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6543 UACAUGGU 12804 GCACUUGA GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6534 UACAUGGU 12804 GCACUUGA GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6538 UACAUGGU 12804 GCACUUGA GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6539 UGUCCAN UGUCCCAN 12805 AUGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6510 CCUACAUG UCUCCAN 12806 AUGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6511 CCUCAAUG UCUCCAN 12810 GCGGAAAACUCCCUUCAAGGACAUCGUCCGGG 6512 CUUCCAN UCUCCAN 12811 AGAGAACCCCCUUCAAGGACAUCGUCCGGG 6513 CUUCCCAN UCUCCAN 12811 AGACACUGG <td< td=""><td>4446</td><td>6584</td><td>O</td><td>12798</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>25083</td></td<>	4446	6584	O	12798	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	25083
6563 UCUCUGCA G UGACCACA 12800 UGUGGCCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 6560 CUGCAAGG 12801 CGUUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6552 CGUCACAAC 12802 ACCAUGGA 12802 ACCAUGGA 6554 CGUACAAC 12802 ACCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6554 CGUACAAC 12803 ACUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6554 GGUACACA 12804 GCACTUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6536 UGUCCAAG 12804 GCACTUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6537 UGUCCAAG 12805 GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG 6557 CUUCCCAU 12806 GCACUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6551 CUUCCCAU 12809 UGCCUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6556 GUCCUCAG 12810 GCCCUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6556 GUCCUCAG 12811 AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6506 656 GUCCUCAG 12811 <t< td=""><td>4464</td><td>9959</td><td>ଓ</td><td>12799</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>35084</td></t<>	4464	9959	ଓ	12799	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35084
6560 CUGCAGUG 12801 CGUUGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6552 GCCACAAC 12802 ACCAUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6543 UACAUGGU 0 UGUCAAG 12803 ACUUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6543 UACAUGGU 0 UGUCACAU 12803 ACUUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6538 GGGUCACA 12804 GCACUUGA GGAGAAACUCCCUUCAAGGACAUCGUCGGG 6536 UGUCCCAU 12805 GGGGAAACUCCCUUCAAGGACAUCGUCGGG 6537 CUUCCCAU 12806 AUGGGAAACUCCCUUCAAGGACAUCGUCGGG 6513 CCCAUGAG 0 UGCUUCAG 12807 GGGGAAAACUCCCUUCAAGGACAUCGUCGGG 6513 CUUCCCAU 12809 GCGGGAAACUCCCUUCAAGGACAUCGUCGGG 6514 CUUCCCAU 12810 GAGGGAAACUCCCUUCAAGGACAUCGUCGGG 6480 CUUCUCAG 12811 GAGGGAAACUCCCUUCAAGGACAUCGUCGGG 6481 CUUCUCAG 12811 GGGGAAAACUCCCUUCAAGGACAUCGUCGGG 6482 UUCCCAG CCCUAGAC 12811 AGGGGAAACUCCCUUCAAGGACAUCGUCGGG	4467	6563	ø	12800	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	32082
6552 GCCACAAC G UACAUGGU 12802 ACCAUGUA GOAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6545 CGUNADUG G UGUCAAGU 12803 ACUUGACA GAGGGAAACUCCCUUCAAGGACAUCGUCGGG 6543 UACAUGGU G UGCUUCC 12804 GCCACUUGA GGGGGAAACUCCCUUCAAGGACAUCGUCGGG 6538 GUUCAAGU 12805 GGGAAACA GGGGGAAACUCCCUUCAAGGACAUCGUCGGG 6536 GUUCAAGU 12805 AUGGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6537 CUUCCCAU 12807 GGGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6513 CCCAUGAG GCCCAGGG GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6511 CUUCAGGA 12809 UGCCUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6481 CUCCAGGA GCCCAUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6481 CUCAGAGA GCCUAUCA GGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6486 CUCAGAGA GCGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6481 CUCCAGAG GCCUAUCA GGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCCCUCCAGG	4470	6560	Ø	12801	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35086
6545 CGUNCANDG G UGUCAAGG 12803 ACUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 6543 UACAUGGU G UGAGGAGG 12804 GCACUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6538 GGUGUCAA 12804 GGAGAAGCA GGGGAAACUCCCUUCAAGGACAUCGUCGGG 6536 UGUCCAB 12806 GGGGAAACUCCCUUCAAGGACAUCGUCGGG 6537 CUCCCABAG 12807 GGGGAAACUCCCUUCAAGGACAUCGUCGGG 6537 CUCCAGA 12808 CCUCAGGA GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6531 CCCAUGAA UCCUGAG GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6552 CUCCAUGAA UCCUGAG GGGGAAAACUCCCUUCAAGGACAUCGUCCGGG 6551 CCCAUGAA UCCUGAG GGGGAAAACUCCCUUCAAGGACAUCGUCCGGG 6565 GUCCAUGAC 12819 UCCCUGAG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6410 CCUAAUCA 12811 AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6410 CCUAGAG CCUAGAGA GGGGGAAAACUCCCUUCAAGGACAUCGUCCGGG GGGCAAAA GGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6410 CCUU	4478	6552	O	12802	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35087
6543 UNCAUGGU G UCAAGUGC 12804 GCACTUDA GGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6538 GGUGUCAA 12805 GGGAAGCA GGGAAGCA GGGAAGCA GGGAAGCA GGGAAGCA GGGAAGCA GGGAAGCA GGGGAAACUCCCUUCAAGGACAUCGUCGGG GGGAAACUCCCUUCAAGGACAUCGUCGGG GGGAAACUCCCUUCAAGGACAUCGUCGGG GGGAA GCCANGAA G UGUCCCGA 12807 GGGGAAACUCCCUUCAAGGACAUCGUCGGG GGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAAACUCCCUUCAAGGACAUCGUCGGG GGGAA GCCANGAA G UCACGGGA 12819 UGCCUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGA GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGA GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGAAAACUCCCUUCAAGGACAUCGUCCGGG GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGGAAACUCCCUUCAAGGACAUCGUCCCUUCAAGGACAUCGUCCGGG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG	4485	6545	9	12803	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35088
6538 GGUGUCAA G UGCUUCCC 12805 GGGAAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6536 UGUCCAGU G CUUCCCAU 12806 AUGGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6517 CUUCCCAU 12807 GGGGAAGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 6513 CCCAUGAA UGUCCCGG 12807 GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6514 CCCAUGAA UGCCCGGG 12810 GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6516 CUCAAGGA 12810 GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6481 CUCAAUGA CCUACUCU 12811 AGAUAGGG 6456 CUCAAUGA CCCAUCUCU 12813 AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6456 CUCAAUGA GCCUUCAAGGACAUCGUCCGGG 6466 CCUUCAAGGACAUCGUCCGGG 6456 CUCAAUGA CCCUUCAAGGACAUCGUCCGGG 6466 CCUUCAAGGACAUCGUCCGGG 6456 UUCCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6410 ACCAGGCA 6457 UUCCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6410 ACCAGGCA 6410 CCUUCAAG GCCCUUCA GCCCUUCA GCCCUUCA<	4487	6543	5	12804	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35089
6536 UGUCAAGU G CUUCCCAU 12806 AUGGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6527 CUUCCCAU G UCUUCCCC 12807 GGGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6513 CCCAUGAA G UCCUCAG 12808 CCUCAAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6511 CAUGAAGU G CUCAGGA 12810 GAAGGAAACUCCCUUCAAGGACAUCGUCGGG 6516 CUCAAUGA G CUCAGGA 12811 GAAGGAAACUCCCUUCAAGGACAUCGUCGGG 6456 CUCAAUGA G CUCAAUCC 12811 AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6456 CUCAAUGA G CUUUCCG 12811 AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6456 UUCCCAGA G CUUUCAG 12811 AGUCAGAACUCCCUUCAAGGACAUCGUCCGGG 6450 CCUUUAAG 12813 GGAGAAACUCCCUUCAAGGACAUCGUCGGG 6450 CCUUUAGU 12814 UUCAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6410 CCUUUAGU 12813 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6411 UCCCUUGAA UCCCUUGA 12813 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6412 CCUUUAGU 12813 ACCAGGCA GGAGGAAACUCCCUUCAAGG	4492	8659		12805	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	0605€
6527 CUUCCCAU G UCUUCCCC 12807 GGGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6513 CCCAUGAA G UCUUCAG 12808 CCUGAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6511 CANGAGU G CUCAGGA 12809 UGCCUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6505 GUCCUAUC 12810 GAAGAAU GAAGAAACUCCCUUCAAGGACAUCGUCCGGG 6481 CUCAAUGA 12811 AGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG 6486 CUCAAUGA 12812 CGGGAAAACUCCCUUCAAGGACAUCGUCCGGG 6480 CUCAAUGA 12813 GGACUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6480 CCUUGAAC 12814 UCCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6466GAAACUCCCUUCAAGGACAUCGUCCGGG 6480 CCUUGAAC CCUUGAAC 12814 UUCACAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6410 CCUUGAAC CCUUGAAC 12815 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6411 CCUUGAAC CCUUGAAC 12815 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6412 CCUUGAAC CCUUGAGA 12815 ACCAGGCA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG	4494	9859	b	12806	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35091
6513 CCCAUGAA 12808 CCUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6511 CAUGAAGU G CUCAGGCA 12809 UGCCUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6512 CAUGAUGG C CAUCUUCA 12810 GAAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6481 CUCAAUGA C CAUCUUCA 12811 AGAUGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6485 CUCAAUGA C CCUUUCAA 12811 AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6450 CUCAGAGA C CCUUUAA 12813 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6440 CCUUGAAA 12814 UUCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUUAAU 12815 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUUAAU UCCUGGAU 12815 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUUAAU UCCUGGAG 12815 ACCAGGCA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUUAAU UCCUGGAG 12815 ACCAGGCA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6432 AGACCCUG UCCAGGG 12813	4503	6527	O	12807	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35092
6511 CAUGAAGU G CUCAGGCA 12809 UGCCUGAG GAAGAACUCCCUUCAAGGACAUCGUCCGGG 6505 GUGCUCAG G CAUCUUUC 12810 GAAAGAU GAAGAACUCCCUUCAAGGACAUCGUCCGGG 6481 CUCAANUGA G CCUUAUU 12811 AGAUAGAG GAAGAACUCCCUUCAAGGACAUCGUCCGGG 6486 CUCAANUGA G CCUUAUU 12812 CGGGAAAACUCCCUUCAAGGACAUCGUCCGGG 6456 CUCAGAAG G CAAAGUC 12812 CGGGAAAACUCCCUUCAAGGACAUCGUCCGGG 6450 GAGGCGAA G UUUUCCG 12813 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6440 CCUUGAAC CCUUGAAC 12814 UUCAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUGAAC CCUUGAAC 12815 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUGAAC CCUUGAACA 12815 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUDAGU G UCACCUG 12815 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUDAGU G UCACCUG 12814 UCAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 AGUCACCU UCACAGG GAGGCCUG GAGGCCCCU GAGGCCCGCCUCCAGG 6407<	4517	6513	₽ G	12808	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35093
6505 GUGGUCAG CAUCUUUC 12810 GAAAGAUG GAAAGAUG GAAAGAUG GAAAGAUG GAAAGAUG GAAAGAUG GAAAGAUC 12811 AGAUAGG GAAGAAACUCCCUUCAAGGACAUCGUCCGGG 6481 CUCAAUGA 12812 CGGGAAAA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6455 UUCCCGAG G CUUNGAA 12813 GAGGGAAAA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6450 GAGGCGAA G UUUUCCGGG 12813 GAGGGAAAA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 UUCCCGAG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 UUCCGAG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 ACUGAACCGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 ACCAGGCA 12815 ACCAGGCA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 ACCAGGGA 12817 UCACAGGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 ACCAGGGA 12818 UCACAGGA GAGGGAGAAACUCCUUCAAGGACAUCGUCCGGG 6431 ACCAGGGA 12819 ACCAGGCA GAGGGGUA 12819 ACCAGGCA GAGGGGA 12819 ACCAGGA GAGGGAGAAACUCCCUUCAAGGACAUCGUCCGCCUUCAAGGACAUCGUCCGGG 6405 ACCCUGGC GAGGGCCU 12810 <	4519	6511	Ø	12809	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35094
6481 CUCAAUGA G CCCUAUCU 12811 AGAUAGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6456 CUGAGGAAC 12812 CGGGAAAA GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6456 CUGAGGAA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6450 GAGGCGAA GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6450 GAGGCGAA G CCUUNAGU 12813 GGACUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUGAAC CCUUNAGU 12815 ACUAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUNAGU G UCCUUGAA 12815 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUNAGU G UCCUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6406GAAACUCCCUUCAAGGACAUCGUCCGGG 6432 CCUUNAGU G UCACCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6406GAAACUCCCUUCAAGGACAUCGUCCGGG 6407 ACACCCGG UCACACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6406GAAACUCCCUUCAAGGACAUCGUCCGGG 6406 ACCCUGG UCAAUCCA 12819 AGGGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6407 ACCCUGG GCCCUCAA GGAGGCCUCA GGAGGACACCCUCCAUCAACGACCCUCCGC	4525	6505	ტ	12810	GOAGGAAACUCCCUUCAAGGACAUCGUCCGGG	32032
6466 CUGAGAAC G UDUUCCCGG 12812 CGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6455 UUCCCGAG G CGAAGUCC 12813 GGACUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6450 GAGGCGAA G UCCUUGAA 12814 UUCAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6431 CCUUGAAC G CCUUUAGU 12815 ACUAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6431 CGCUUUAGU 12816 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6431 CGCUUUAGU CCUUGAG GAGGGAAACUCCCUUCAAGGACAUCGUCGGG 6426 AGUGCCUG UGAGCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6417 UGAUCCGA 12819 UCGGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6407 AGUCCCUG UGAGCCCA 12819 AGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6408 AGUCCCUG UGAGCCCCU 12819 AGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6405 ACCCUGGC UCAAAUCCA 12821 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCAAUCCA 12821 UGGAGCGG GAGGGCGC 6396 UCACGCGC GGGCCCCCC <td< td=""><td>4549</td><td>6481</td><td>ပ</td><td>12811</td><td>GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>32036</td></td<>	4549	6481	ပ	12811	GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG	32036
6455 UUCCCGAG G CGAAGUCC 12813 GGACUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6450 GAGGCGAA G UCCUUGAA 12814 UUCAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUGAAC G CCUUUAGU 12815 ACUAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CGCUUUAGU G UGCCUGGU 12816 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUUAGU G CCUGGUGA 12817 UCACCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CCUUUAGU G CCUGGUGA 12818 UCGGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6417 UGAUCCGA 12819 ACGGGGG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6405 ACCCUGGA GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6406 ACCCCUGA GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6407 ACCCCUGA GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6408 ACCCUGGC GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCAAUCCA GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCAAUCCA GAGCCGCG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCCGCG 6396 </td <td>4564</td> <td>6466</td> <td>O</td> <td>12812</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>35097</td>	4564	6466	O	12812	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35097
6450 GAGGCGAA G UCCUUGAA 12814 UUCAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6440 CCUUGAAC CCUUUAGU 12815 ACUAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6431 CGCUUUAGU 12816 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6426 AGUGCCUG UGAUCCGA 12817 UCACCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6417 UGAUCCGA 12818 UCGGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6407 AGUGCCUG UGAUCCGA GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6408 AGCCCGG 12819 AGGGUGU GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6407 ACCCUGG GAUCGAC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCGAC 6408 ACCCUGG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCAAUC 12821 UGGAUCAA 6396 UCAAUCCA 12821 UGGAUCAGG GAGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCAAUCCA GGCCCCCA 12823 UGGACGC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCACGCGC GGCCCCCA 128	4575	6455	ပ	12813	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35098
6440 CCUUGAAC G CCUUVAGU 12815 ACUAAAGG GGAGGAAACUCCAUCAAGGACAUCGUCGGG 6433 CGCCUUVA G UGCCUGGU 12816 ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6431 CCUUVAGU G CCUGGUGA 12817 UCACCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6426 AGUGCCUG G UGAUCCGA 12819 AGGGUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6417 UGAUCCGA 12819 AGGGUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6407 ACACCUG GOUCAAUC 12820 GAUUGAC 6408 ACCCUGGC GOUCAAUC 12821 UGGAUGAAACUCCCUUCAAGGACAUCGUCCGGG 6409 ACCCUGGC GOUCAAUC 12821 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6409 ACCCUGGC GOUCAAUC 12821 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCAAUCCA GOGGCCU 12821 UGGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCAAUCCA GOGGCCU 12821 UGGGCGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCAAUCCA GOGCCUCA 12823 UGGGCGG GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCACGAGG CG	4580	6450	S G	12814	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35099
6433 CGCCUUUA G UGCCUGGU 12816 ACCAGGCA GAAGGAAACUCCAUCAAGGACAUCGUCGGG 6431 CCUUUAGU G CCUGGUGA 12817 UCACCAGG GAAGGAAACUCCCUUCAAGGACAUCGUCGGG 6426 AGUGCCUG G UGAUCCGA 12818 UCGGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6417 UGAUCCGA 12819 AGGGUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6407 ACACCCUG GOUCAAUC 12821 UGAGUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6408 ACCCUGGC GOUCAAUC 12821 UGAGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6396 UCAAUCCA G CGCGGCCU 12821 UGAGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCAAUCCA G CGCGGCCU 12821 UGAGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCAAUCAG G CGCGCCUCA 12821 UGAGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCAACCAGC G CGCGCCUCA 12821 UUCUGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCACGAGC G CGCCCUCA 12823 UGAGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6396 UCACGAGC G CGCCCUCA 12824 UUCUGAGG GGAGGAAACUCCCUUCAAGGACAUCGGG	4590	6440	G	12815	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	32100
6431 CCUUDAGU G CCUGGUGA 12817 UCACCAGG GGAGGAAACUCCAUCAAGGACAUCGGCGGG 6426 AGUGCCUG G UGANCCGA 12818 UCGGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6417 UGAUCCGG G GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG GAUUGACG G GAGGGAAACUCCCUUCAAGGACAUCGUCGGGG 6407 ACCCUGG G GUCAAUC 12821 UGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6394 ACCCUGG G GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6394 AAUCCAGC G GGGCCU 6394 AAUCCAGC G GGGCCUCA 12822 AGGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6394 AAUCCAGC G CGCCCUCA 12822 AGGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6394 AAUCCAGC G CGCCCUCA 12822 AGGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6394 AAUCCAGC G CGCCCUCAAA 12822 AGGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6394 AAUCCAGC G CGCCCUCAAA 12824 UCUCAGAAACUCCCUUCAAGGACAUCGUCCGGG 6394 UUCACCAA 12824 UUCUGAAGGACAUCGUCCGUCGGG 6395 UUCACGAA 12825 UCACGAAACCCCUUCAAGGACAUCGUCGGG 6396 UUCACGAA 12826 UCACGAAACCCCUUCAAGGACAUCGUCGGG 6396 CCACGCG	4597	6433	ס	12816	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35101
6426 AGUGCCUG G UGAUCCGA 12818 UCGGAUCA GGAGGAAACUCCAUUCAAGGACAUCGGGGGGGGGG	4599	6431	ם	12817	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35102
6417 UGANUCCAR G UACACCCU 12819 AGGGUGUA GGAGGAAACUCCAUCAAGGACAUCGUCGGG 6407 ACACCCUG G COUCAAUC 12820 GAUUGACG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6405 ACCCUGGC G UCAAUCCA 12821 UGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6396 UCAAUCCA GCGGCCU 12823 AGGCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6394 AAUCCAGC G CGGCCUCA 12823 UGAGGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6391 CCAGCCGC G CGCCCUCA 12823 UUCUGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6391 CCAGCCGC G CGCCCUCA 12824 UUCUGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6391 UUCACCAA G CUCCAGA 12824 UUCUGAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 UUCACAGA G CUCCAGA 12824 UUCUGAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 UUCACAGUC G UGAUGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 UUCACAGUC G UGAUGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6384 UUCACAGUC G UGAUGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	4604	6426	Ö	12818	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35103
6407 ACACCCUG G CGUCAAUC 12820 GAUUGACG GGAGGAAACUCCAUCAAGGACAUCGUCGGGG 6405 ACCCUGGC G UCAAUCCA 12821 UGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6396 UCAAUCCA 636CCUC 12823 AGGCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6394 AAUCCAGC G CGGCCUCA 12823 UGAGGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6391 CCAGCGCG G CGCCCUCA 12824 UUCUGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 UUCACCAA G CUCAGAA 12824 UUCUGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 UUCACCAA G CUCAGAA 12824 UUCUGAAG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 UUCACCAA G CUCAGAA 12824 UCACGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 CAAGCAC G GAGCAAACUCCCUUCAAGGACAUCGUCCGGG GAGAGCAAACUCCCUUCAAGGACAUCGUCCGGG	4613	6417	D G	12819	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35104
6405 ACCCUGGC G UCAAUCCA 12821 UGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6396 UCAAUCCA G CGCGCCU 12822 AGGCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6394 AAUCCAG G CGCCCUCA 12823 UGAGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6391 CCAGCGG G CCUCAGAA 12824 UUCUGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 UUCACCAA G CUCGGAA 12824 UUCUGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 CAAGCUUC G UGAUGACU 12824 UCACGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6362 CAAGCUUC G UGAUGACU 12826 AGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6345 UCCACUUC 12827 GACAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	4623	6407	ø	12820	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	32105
6396 UCAAUCCA G CGCGGCU 12822 AGGCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6394 AAUCCAGC G CGCCUCA 12823 UGAGGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6391 CCAGCGCG G CCUCAGAA 12824 UUCUGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 UUCACCAA G CUCGGAA 12824 UCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 CAAGCUUC G UGAUGACU 12825 AGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 6345 UCCACUUC G UGAUGUC 12827 AGUCAUCA GAAGGAAACUCCCUUCAAGGACAUCGUCGGG	4625	6405	O	12821	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35106
6394 AAUCCAGC G CGCCUCA 12823 UGAGGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6391 CCAGCGCG G CCUCAGAA 12824 UUCUGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 UUCACCAA G CUUCGUGA 12825 UCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6362 CAAGCUUC G UGAUGACU 12825 AGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6345 UCCACUUC G UGAUGACU 12827 GGACACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	4634	6396	G	12822	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35107
6391 CCAGCGCG G CCUCAGAA 12824 UUCUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6367 UUCACCAA G CUUCGUGA 12825 UCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6362 CAAGCUUC G UGAUGACU 12826 AGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6345 UCCACUUC G UGAUGUC 12827 GACAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6345 UCCACUUC G UUGUUGUC 12827 GACAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	4636	6394	ტ	12823	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35108
6362 CAAGCUUC G UGAUGACO 12826 UCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6362 CAAGCUUC G UGAUGACO 12826 AGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6345 UCCACUUC G UUGUUGUC 12827 GACAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	4639	6391	Ö	12824	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	60158
6345 CAAGCUUC G UGAUGUC 12826 AGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	4663	6367	Ð	12825	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35110
6345 UCCACUUC G UUGUUGUC 12827 GACAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	4668	6362	٥	12826	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35111
	4685	6345	0	12827	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35112

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4691	6339	ס	12829	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35114
4704	6326	O	12830	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35115
4706	6324	AAAAUUGU G UUUGUCCU	12831	AGGACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAUUUU	35116
4710	6320	U	12832	UCCUAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACACAA	35117
4727	6303	0	12833		35118
4739	6291	CACCUCCG G UCGUGGUA	12834	UACCACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAGGUG	35119
4742	6288	CUCCGGUC G UGGUAUGA	12835	UCAUACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCGGAG	35120
4745	6285	CGGUCGUG G UAUGACAC	12836	GUGUCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGACCG	35121
4758	6272		12837	•	35122
4761	6569	CUCCAGCC G CUGCAACC	12838	1	35123
4764	6266	CAGCCGCU G CAACCUUG	12839	CAAGGUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCUG	35124
4772	6258	GCAACCUU G UAAGCCAG	12840	CUGGCUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGUUGC	35125
4776	6254	CCUUGUAA G CCAGCCAA	12841	UNGGCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACAAGG	35126
4780	6250	GUAAGCCA G CCAAACUG	12842	- 1	35127
4789	6241	CCAAACUG G CAGAUCUG	12843	CAGAUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUUUGG	35128
4797	6233	GCAGAUCU G CAGUCCUC	12844	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35129
4800	6230	GAUCUGCA G UCCUCAAC	12845	GUUGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAGAUC	35130
4810	6220	CCUCAACA G UUCCAGAA	12846	UUCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGAGG	35131
4820	6210	UCCAGAAA G UUUUUUCU	12847	AGAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCUGGA	35132
4843	6187	uccucuga g ccgguauu	12848		35133
4847	6183	CUGAGCCG G UAUUCCCC	12849	- 1	35134
4863	6167	CAUCCAUG G UAUAUACC	12850		35135
4879	6151	concocac e cococeou	12851		35136
4885	6145	ACGCUCUG G UUGGUAGA	12852		35137
4889	6141	UCUGGUUG G UAGAAUUG	12853	- 1	35138
4899	6131	AGAAUUGA G CGAUCAGU	12854	- 1	35139
4906	6124	AGCGAUCA G UCCGUUUG	12855		35140
4910	6120	Ø	12856	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35141
4915	6115	uccennue e cauennea	12857	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35142
4919	6111	UNUGGCAU G UNGAUGUU	12858		35143
4925	6105	Ø	12859	- 1	35144
4928	6102	UNGAUGUU G UCCAGCAU	12860	- 1	35145
4933	6097	GUUGUCCA G CAUGAUUC	12861	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35146
4942	6088	CAUGAUUC G UGCCUCAG	12862		35147
4944	9809	UGAUUCGU G CCUCAGUC	12863		35148
4950	6080	gueccuca e uccaauge	12864		35149
4959	6071	UCCAAUGG G CGAAGUUC	12865		35150
4964	9909	UGGGCGAA G UUCGAGUC	12866	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35151
4970	0909	AAGUUCGA G UCGUCUUC	12867	GAAGACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAACUU	35152

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4973	6057	UCCARUC G UCUUCAUU	12868	AAUGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACUCGAA	35153
4983	6047	CUUCAUUC G UGUGCCCC	12869	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35154
4985	6045	UCAUUCGU G UGCCCCCC	12870	GGGGGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAUGA	35155
4987	6043	AUUCGUGU G CCCCCCAU	12871	AUGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGAAU	35156
2000	6030	CCAUAACA G UACUCAUC	12872	GAUGAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUAUGG	35157
5017	6013	ACCAACUU G CGACGGAU	12873	AUCCGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGGU	35158
5038	2665	ACCGAUAC G UCCACGUC	12874	GACGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUAUCGGU	35159
5044	5986	ACGUCCAC G UCUCUGGG	12875	CCCAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGACGU	35160
5052	5978	GUCUCUGG G CGGCACUA	12876	UAGUGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC	35161
5055	5975	UCUGGGCG G CACUAGCU	12877	AGCUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCCAGA	35162
5061	5969	CGGCACUA G CUGCUGUC	12878	GACAGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGUGCCG	35163
5064	2966	cycnyecn e cnencycn	12879	AGUGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUAGUG	35164
2905	5963	UAGCUGCU G UCACUGCA	12880	UGCAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAGCUA	35165
5073	5957	CUGUCACU G CAGAUGGU	12881	ACCAUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGACAG	35166
5080	5950	UGCAGAUG G UUCUCCCA	12882	UGGGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCUGCA	35167
5112	5918	CUCCUUCU G UUAUGAUG	12883	CAUCAUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGGAG	35168
5121	5909	UVAUGAUG G UUGGUUUC	12884	GAAACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAUAA	35169
5125	5905	GAUGGUUG G UUUCACAC	12885	GUGUGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCAUC	35170
5141	5889	CUCUUCCO G CUGUCAAU	12886	AUUGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAGAG	35171
5144	5886	UUCCGGCU G UCAAUCAC	12887	GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGAA	35172
2156	5874	AUCACCCU 6 CUCGCCUU	12888	AAGGCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGUGAU	35173
2160	5870	cccnecnc e ccnnerve	12889	CUUCAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCAGGG	35174
5168	5862	D	12890	GGGGCUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAGGC	35175
5112	5858	Ø	12891	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35176
5189	5841	иславили в исивииви	12892	ACAACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAUCUGA	35177
5193	5837	AUAUGUCU G UUGUGAUA	12893	UAUCACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACAUAU	35178
5196	5834	0	12894	UGUUAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGACA	35179
5207	5823	Ö	12895	GAUUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGUUAU	35180
5219	5811	Ð	12896	UGUAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGAUUG	35181
5234	2196	CAUTUUGG G UACUCCGU	12897	ACGGAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAAAAUG	35182
5241	5789	GGUACUCC G UCUCGUAC	12898	GUACGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGUACC	35183
5246	5784	Ð	12899	AAGUCGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGACGGA	35184
5258	5772	GACUUUCU G UUCAAUUG	12900	CAAUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAAGUC	35185
5283	5747	nonnocy e cycennen	12901	ACAACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAAGA	35186
5287	5743	UCCAGCAC 0 UUGUAGGC	12902	GCCUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUGGA	35187
5290	5740	Ð	12903	UUUGCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGUGCU	35188
5294	5736	Ö	12904	GCCCUUUG GGAGGAACUCCCUUCAAGACAUCGUCCGGG CUACAACG	35189
5301	5729	Ø	12905		35190
5329	5701	Ø	12906	GOUTUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAGUGUC	35191
5343	5687	ACCAMACC G UCUUCCCG	12907	CGGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUUUGGU	35192

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e un	UAUUCUGU	12909	ACAGAAUA	GGAGGAAACUCCCIIICAAGGACAIICGIICGGG	35193
o no	AUCCAU	12910	AUGGAUCA	GGAGGAACUCCCUUCAAGGACAUCGIICCGGG	35194
G UA	UCCAGA	12911	UCUGGAUA	GGAGGAAACUCCCUUCAAGGACAUCGIICCGGG	35196
0	CCAAGC	12912	GCUUGGAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35197
ט	CGAUCC	12913	GGAUCGAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35198
	UGUAAG	12914	CUUACAGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35199
ع د	AGUCGG	12915	CCGACUUA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35200
უ	GGAAAU	12916	AUUUCCGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35201
9	AAUUGG	12917	CCAAUUCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35202
ט	CCUGGU	12918	ACCAGGCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35203
0	UGGUGG	12919	CCACCAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35204
이	GGGUGG	12920	CCACCCCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35205
ט	GCUGUC	12921	GACAGCCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35206
ן ס	GUCAUG	12922	CAUGACAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35207
ᇬ	AUGAAU	12923	AUUCAUGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35208
ס	သဘဘဘ	12924	<u>පෙ</u> යයෙයෙ	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35209
ט	CCCCC	12925	GGAGGCGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35210
ט	UCCCCU	12926	AGGGGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35211
ט	CGACCU	12927	AGGUCGAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35212
ט	GAAAUG	12928	CAUUUCCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35213
٥	ACCUCU	12929	AGAGGUUA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35214
3 C	SCAAUG	12930	CAUUGCAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35215
ع د	AUGCUA	12931	UAGCAUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35216
2 c	AGCUGG	12932	CCAGCUAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35217
9 0	50000	12933	CGACCCAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35218
	SOUGHA NA ATTCA	12934	UUCACCGA	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	35219
0	TOPING	12026	OCAUGUCA GG 1110 1 GG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35220
	MAGUU	12937	GGAUGAGG	GGAGGAACUCCCUUCAAGGACAUCGUCGGG	35221
	TUCGG	12938	ATT A COOL	GOLDON TO STREET THE S	35222
	GGCAC	12939	STITE CONTRACTOR	General And Court of Street Court of Street	35223
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י כי	0902	12940	ACAGGGUG		35225
0	TO COLOR	14691	UCUCCUCA		35226
ه د	Jenege	12942	CCCACAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35227
s د	GOGAG	12943	CUCACCCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35228
י כ	NGGGGUA	12944	UACCCUCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35229
စ ဖြ	CAUGA	12945	UCAUGCUA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUCACC	35230
9 c	GACAC	12946	GUGUCAUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCCUC	35231
ן פ	55000	12947	CCAGAGAA		35232
. Tre 10 to the telephological (N.) (A.) (A.) (A.) (A.) (A.) (A.) (A.) (A	UNDCCCEAU G UN AUCCAGUC G UN AGUNCCAA G CU GGAUCCCAA G CU GGAUCCCAA G CU GGAUCCCAA G UG GGAUCCCAA G UG GGAUCCCAA G UG GGAUCCCAA G UG GUAGUGGG G UG CUCCCCUA G CC CUCGCCAAU G CC CUCGCAAU G CC CUCGCCAAU G CC CUCGCAAU G CC CUCGCCAAU G CC CUCGCAAU G CC CUCGCAAU G CC AACAGGUU G UG		1 G UNGUAGU 2 G UNGGAAGC 3 G UNGGAAGC 4 G UNGGAAGC 5 G UNGGAAGC 6 G UGGAAAU 7 G UGAAAAU 7 G UGAAAAAU 7 G UGAAAAA 7 G UGAAAAAA 7 G UGAAAAAA 7 G UGAAAAA 7 G UGAAAAAA 7 G UGAAAAAA 7 G UGAAAAAA 7 G UGAAAAAA 7 G UGAAAAAAAAA 7 G UGAAAAAAAAAA 7 G UGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	G UNGGEGGGG 12919 G UAGUCGGG 12910 G UNGGEGGGGG 12914 G UGGGGGGGG 12915 G UGGGGGGGG 12916 G UGGGGGGGG 12918 G UGGGGGGGG 12921 G UGGGGGGGG 12922 G UGGGGGGG 12931 G UGGGGGGG G UGGGGGGG 12931 G UGGGGGGG G UGGGGGGG 12931 G UGGGGGGG G UGGGGGG G UGGGGGGG G UGGGGGGG G UGGGGGG G UGGGGGG G UGGGGGG G UGGGGGGG G UGGGGGGG G UGGGGGG G UGGGGG G UGGGGGG G UGGGGG G UGGGGGG G UGGGGG G UGGGGG G UGGGGG G UGGGGG G UGGGGG G UGGG	DE UNDUCCION 12999 ACMAGALMA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1 G UNDUCCAGA 12911 UCUGGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 2 G UNDCCAAG 12912 GCUUGGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4 G UUCCAAGC 12912 GCUUGGAA GGAUCGAA 6 U CUCAUCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7 G UUCCAAAC 12914 CUUNACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 8 U CUGGAAAU 12916 CCCAAUUCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9 U CUGGAGAA 12916 CCCAAUUCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1 U CACACUCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G UCCAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1 U GACGGCG 12918 CCACCCCCAGGGGGAAAACUCCCUUCAAGGACAUCGUCCGGG 2 U GCCCGCC 12921 CCACCCCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3 U GAGGGGG GCACCCCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G UCCACCCC 4 U GCCUCGAG GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG G UCCACCCC GCACCCCCC GCACCCCCC GCACCCCCC GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG G UCCACCCCC GCACCCCCC 12922 GAGGGGGG

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5674	5356	UNCUCUGG G CACUGCGG	12948	CCGCAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAA	35233
5679	5351	UGGGCACU G CGGAUGUC	12949	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35234
5685	5345	CUGCGGAU G UCUGGUAC	12950	GUACCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCGCAG	35235
2690	5340	GAUGUCUG G UACCGGAU	12951	AUCCGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGACAUC	35236
5701	5329	CCGGAUGG G CAGUCCUC	12952	GAGGACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAUCCGG	35237
5704	5326	GAUGGGCA G UCCUCUCA	12953	UGAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCCAUC	35238
5713	5317	UCCUCUCA G UGCUUCAG	12954	CUGAAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAGGA	35239
5715	5315	CUCUCAGU G CUUCAGCC	12955	GGCUGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGAGAG	35240
5721	5309	e K	12956	UGAGAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGCAC	35241
5730	5300	o	12957	UGUGGCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUGG	35242
5733	5297	UCUCAGCA G CCACAACC	12958	GGUUGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUGAGA	35243
5745	5285	CAACCCUG G UUGGUGCU	12959	AGCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGUUG	35244
5749	5281	CCUGGUUG G UGCUAGCA	12960	UGCUAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCAGG	35245
5751	5279	UGGUUGGU G CUAGCACG	12961	CGUGCUAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCAACCA	35246
5755	5275	Ð	12962	CAGCCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCACCA	35247
2760	5270	ø	12963	GAGAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCUAG	35248
5763	5267	Q	12964	ACUGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGUGC	35249
2770	2260	nennana e nananan	12965	ACAGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAACA	35250
5777	5253	AGUCUUCU O UUUAUGGC	12966	GCCAUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGACU	35251
5784	5246	JG G	12967	CAAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAAACA	35252
2800	5230	GAUGAUCU G UGGCAGAA	12968	UUCUGCCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGAUCAUC	35253
5803	5227	G	12969	GGAUUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGAUC	35254
5817	5213	Ö	12970	CGGUAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAGGA	35255
5826	5204	nnnaece e ceccees	12971	UCCCGGCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CGGUAAAA	35256
5828	5202	Ø	12972	CAUCCCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GCCGGUAA	35257
5845	2182	GAGAUCCA G UACAGUGA	12973	UCACUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUCUC	35258
5850	5180	0	12974	ACAGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUACUGG	35259
5857	5173	O	12975	GGAAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUCACU	35260
5869	5161	U	12976	CUGAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGGAAA	35261
5878	5152	ט	12977	GAUUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGAUG	35262
5883	5141	Ð	12978	AAUCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAUUCG	35263
5899	5131	O	12979	UGGAUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUCCCA	35264
5920	5110	uncacceu a caeuauce	12980	CGAUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGUGAA	35265
5928	5102	GCACUAUC G CGCUUAUG	12981	CAUAAGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUAGUGC	35266
5930	5100	O	12982	UACAUAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAUAGU	35267
5936	5094	GCGCUUAU G UAUGAGCC	12983	GGCUCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAGCGC	35268
5942	5088	an G	12984	CCCAACGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCAUACAU	35269
5945	5085	Ø	12985	AUGCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUCAUA	35270
5950	5080	9 9	12986	UCAUAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAACGGC	35271
5966	5064	ACUCCAUU G CCAUAAAG	12987	CUUUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGGAGU	35272

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5034 CCGUNUUU G UCCACUAU 12990 AUAGUGGA 5013 CACURUUU G UCAGCCUG 12991 CAGGCUCA 5012 AUUGGUGA G CUCAGAGU 12992 CACUGGAA 5012 AUUGGUGA G UCCAGAGU 12993 CACUGGAA 5004 AUGUCCAA G UCCAGAGU 12995 ACUUCGCCA 4998 GUGGGGAA G UCCAGAGU 12995 ACUUCGCCA 4985 AGUCCAAA G UCCAGAUU 12997 ACUUCGCA 4986 UCCUUCAA G UCCUGAUU 12997 ACUUCGCA 4986 UCCUUCAA G UCUUGACC 12999 GUUCAAACA 4986 UCCUUCAA G UCUUGACC 13001 AGUCCAGA 4986 UCCUUCAA G UCUUGACC 13002 GUUCACAGA 4920 UCCUUCAA UUCUUAACA 13003 GGUCCAGAA 4921 UUCUUAACA UUCUUAACA 13002 GUUCACAGAA 4881 CUUCUCCCA UUCCACCAA 13002 GUUCACAGAA 4882 UUCUUAACA UUCCACCAAA 13008 AGGUCGGAA 4881 CUUCUCCAA	5990	5040	ပ	12989	GACAAAAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUGAUGU	35274
5023 CACUANUO O UGAGCCUG 12991 CAGGCUCA 5019 AUUGGUGA O CCUGAUGU 12992 ACAUCAGG 5012 AUGGUGAU 12993 CACUCGAAG 5012 AGCCUGAU 12993 CACUCGGAA 4998 AUGGGGAA 12994 CUUCCCCA 4998 AUGUCACGC 12997 ACUUUGGA 4986 AUGUCACG CCCCGAUU 12997 ACUUUGGA 4986 UCCUUCAG UCCUCAGAC 13090 ACUUCAGAA 4948 CCCCCCGAU UUCGACCC 13001 ACUUCAGAA 4948 CCCCCCGG UUCGACCC 13001 ACUCAGAAA 4940 CCCCCCGG UUCGACCC 13004 AGCCAGAAA 4941 CUUCAGGAC UUCCACCUG 13004 AGCACAGAA 4942 CUUCAGCC UUCCACCUG UUCCACCUG UUCCACCUG UUCCACCUG 4881 CUCCAGUCC UUCCACCUG UUCCACCUG UUCCACCUG UUCCACCUG 4882 CUCCAGUCC UCCACCCCA 13013	9665	5034	5	12990	AUAGUGGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAACGG	35275
5019 AUUGGUGA G CCUGAUGU 12992 ACAUCAGG 5012 AGCCUGAU G UUCCAGUG 12993 CACUGGAA 5012 AGCCUGAU G UUCCAGUG 12994 CUUCCCA 4991 AGUCCAAAG 12995 ACUUCGGC 4991 AGUCCAAA UCCAGGCC 12996 GUCCCGUGA 4991 AGUCCAAA UCCAGGCC 12996 GUCCCGUGA 4966 UCCUUCAG G UCCCGAUU 12999 GUCACAAACA 4948 CUUCAGGU G UUCUGACC 13001 AGUCCAGAA 4948 CUUCAGGU G UUCUGACC 13002 GUUCAGAAA 4956 UUCUCACUG UUCUGACC 13003 GUUCAGAAA 4948 CUUCAGGU G UUCUCACC 13002 GUUCAGAAA 4956 UUCUCACU G UCCCCACU 13006 AUGACGGAAA 4957 UUCUCACU G UCCCACAU 13006 AUGACGGAAA 4881 UUCCACUU G CCCCAUCA 13010 AAUGACGCA 4882 UUCCACUU G CCCCAUCA 13012 AUGACGCA <t< td=""><td>6007</td><td>5023</td><td>Э О</td><td>12991</td><td>CAGGCUCA</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUAGUG</td><td>35276</td></t<>	6007	5023	Э О	12991	CAGGCUCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUAGUG	35276
5012 AGCCUGAN G UNCCAGUG 12993 CACUGGARA 5006 AUGUUCCA G UGGGGAAG 12994 CUUCCCCA 4998 GUGGGGAA G UCCAGAGU 12995 ACUUUGGA 4991 AGUCCAAA G UCCAGAUU 12996 GUCCUCGAG 4966 UCCUUCAG G CCCCGAUU 12999 UCCACAAA 4948 CUCCUCCAG G UUCCUCACA 13000 AGACGAAA 4948 CUCCUCCAG G UUCCUCACA 13001 AGACCAGAA 4948 CUCCUCAGG G UUCCACACA 13002 GUUCCAGAA 4926 UUCCUUAAC 13002 GUUCCAGAA 4926 UUCCUUAAC 13002 GUUCCAGAA 4926 UUCCUUAAC 13003 GCCCAGAAA 4926 UUCCUCACA 13004 GACCAGAAA 4891 AAUCAUCU G CCCACACA 13009 UUCCACAGA 4881 UUCCACCUG UUCCACCAGA 13009 UUCCACAGA 4887 UUCCACCUG UUCCACCAGA 13010 ACGACAGAGA 4887 UUUCCACUC UCCACCAGA 13010	. 6011	2019	B A	12992	ACAUCAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCAAU	35277
5006 AUGUUCCA G UGGGGAAG 12994 CUUCCCCA 4998 GUGGGGAA G UCCAAAGU 12995 ACUUUGGA 4991 AGUCCAAA G UCCAAAGU 12996 GGCCGUGA 4991 AGUCCAAA G UCCAGAU 12996 GGCCGUGA 4985 AAGUCAAA 12999 AUCAAACA 4964 CUUCAGGG G UCUGAGC 13090 AGUCAAAA 4948 CUCGGUUC G UCUGGCC 13000 AGACGAAA 4920 ACCCCCUG G UUCUGACC 13001 GCCACAGA 4915 CUCGGUUC G UCCACCA 13002 GCCACAGAA 4816 CUCGAUCCU G UUCCACCA 13001 GCCACAGAA 4817 AAUCAUCU G CACCUCAU 13006 AUGAGGGA 4810 CCUCGCCCG UUCCACCA 13001 GCCACAGAA 4811 UCCACCUCG UCCACACACA 13006 AUGAGGGA 4810 CCACCUCGU G UCCACACAU 13010 AAUCGCACA 4811 UCCACCUCGU G UCCACACAU 13010 AAUCGCACACA 4812 UUCCACCCCG G UCCCACACA 13010 AACGCACACACA	6018	5012	ย	12993	CACUGGAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAGGCU	35278
4998 GUGGGGAA G UCCAAAGU 12995 ACUUUGGA 4991 AGUCCAAA G UCACGCC 12996 GGCCGUGA 4985 AAGUCCAAA G UCACGCC 12996 GGCCGUGA 4966 UCCUUCAG G UCUCACAA 12999 GUUCAAAA 4964 CUUCAGGU G UUUGACC 13000 AGACGAAA 4964 CUUCAGGU G UUUGACC 13000 AGACGAAA 4978 CUCGGAUU G UCCACCA 13000 GUUCAAAA 4910 CUCGUGAC G UUCCACCA 13001 GUUCAGAA 4810 ACGUUCUU G CCACCUCAU 13002 GUCCAGAAA 4811 CUUCUNAAC G UUCCACCA 13001 GACCCUGGA 4810 AAUGCACCA 13001 GACCAGGAA 4811 UCCUGCCC 13001 GACCAGGAA 4810 CCACCUUGU G CCACCAUUC 13010 AUGAGGGAA 4811 UCCUGCCC 100CCACCUU 13010 AUGAGGGAA 4812 UUCCACUUGU G CCCCAUUCC 13011 ACGCACUCGA 4812 UUCCACUCCU G UCCACAUUC 13012 ACGCACUCGA	6024	2006	O	12994	CUUCCCCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACAU	35279
4991 AGUCCAAA G UCACGGCC 12996 GGCCGUGA 4985 AAGUCAGG G CCCCGAUU 12997 AAUCGGGG 4966 UCCUUCAG G UCUUGAAC 12998 UCAAAACA 4964 CUUCAGGU G UUUUGAAC 13000 AGACGAAA 4964 CUUCAGGU G UUUUGAAC 13000 AGACGAAA 4948 CACCCCUG G UUCUUAAC 13001 CGUCCAGAA 4935 GUCUGGAC G UCUUGACG 13002 GUUAAGGAA 4926 UUCUUAAC G UCUUGACG 13002 GUUAAGGAA 4817 CUUCACUU G CCCCUUCC 13002 GUUAAGGAA 4818 GUUCCACUU G UUCCACUU 13006 AUGAGGGAA 4810 CUUCACCU G UCCCCCUU 13010 AAUUGCACA 4810 UUCCACUU G UCCCCCCU 13011 AAUUGCACA 4810 CCCCUUCCG UUCCACUU 13012 AUUCCACACA 4810 CCCCUUCCG UUCCACCACA 13012 AUUCCACACA 4810 CCCCUUCCG UUCCACACA 13012 AUUCCACACA 4810 UUCACCCCCA 130	6032	4998	Ð	12995	ACUUUGGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCCCAC	35280
4985 AAGUCACG G CCCCGAUU 12997 AAUCGGGG 4966 UCCUUCAG G UGUUUGAA 12998 UCAAAACA 4964 CUUCAGGU G UUUUGAAC 13000 AGACGAAA 4948 CACCCCUG G UUUUGAAC 13001 CGUCCAGAA 4948 CACCCCUG G UUCUUAAC 13001 CGUCCAGAA 4926 UUCUUAAC G UCUGGACG 13002 GUUAAGGAA 4926 UUCUUAAC G UUCUUAAC 13003 GGCAAGGAA 4926 UUCUUAAC G UUCUUCACA 13004 GAACCUGG 4897 AAUCAUCU G CACCAUUC 13005 UGGUGGAA 4887 AUCCACUU G CACCAUUCC 13005 AUGAGGAA 4887 UUCCACUU G CACCAUUCC 13013 AUUCACAGA 4887 UUCCACUU G CACCAUUCC 13013 CAUUGGAA 4887 UUCACACU G UCCACAUA 13013 CAUUGGAA 4887 UUCACACA G UACCACAA 13013 CAUUGGAA 4887 UUCACACAA 13014 AGGACCCAUA 4880 CAGCCCCCA 13014 AGGACCCAUA <t< td=""><td>6039</td><td>4991</td><td>ტ</td><td>12996</td><td>GGCCGUGA</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGACU</td><td>35281</td></t<>	6039	4991	ტ	12996	GGCCGUGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGACU	35281
4966 UCCUUCAG G UGUUUGAAC 12998 UCAAAACA 4964 CUUCAGGU G UUUUGAAC 12999 GUUCAAAA 4948 CACCCCUG G UUCGUCO 13000 AGACGAAA 4948 CACCCCUG G UUCGUCO 13001 CGUCCAGAA 4926 UUCUNAAC G UUCUUGCC 13003 GCCAAGAA 4926 UUCUUAAC G UUCCUCAU 13006 GGCAAGAA 4897 ACGUUCUU G CCAGGUUC 13009 GGCAAGAA 4887 UUCUUAAC G UUCCACUU 13009 GGCAAGGAA 4881 CUUGUCCC G UUCCACUU 13009 AUGCAGGAA 4882 CUCAUCCU G CCCGUUCC 13010 AACGGGGAA 4881 UUCCACUU G CCCGUUCC 13010 AACGGGGAA 4885 UUCCACUU G CCCGUUCC 13010 AACGGGGGAA 4886 CUUGUGCU G CCCCCCC 13010 AACGGGGGAA 4887 UUCCACUU G CCCCCCC 13010 ACGGAGGGAA 4887 UUCUCACCC G UACCACUA 13010 ACGGAGCGGAA 4881 GUCCCCCCC GCCCCCCCC 13010 GCCCCGG	6045	4985	ບ	12997	AAUCGGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGACUU	35282
4964 CUUCAGGU G UUUUGAAC 12999 GUUCAAAA 4948 CACCCCUG G UUUCGUCU 13000 AGACGAAA 4948 CACCCCUG G UUCCGUC 13001 CGUCCAGAA 4943 CUGGUUUC G UCCUGACC 13002 GUUAAGAA 4926 UUCUUAAC 13004 GAACCUGG 4915 CUGGCCAG UUCCACCCA 13005 GGCAAGAA 4897 AAUCANCCU G CCCGUUCC 13006 AUGAGGGA 4881 CUUGCCAG UUCCACCU 13006 AUGAGGGA 4882 CUCACUCCO UUCCACCU 13006 AUGAGGGA 4884 CUCACCCCO UUCCACCU 13006 AUGAGGGA 4885 CUCACCCCO UUCCACCU 13010 AAUGAGGA 4886 CUCACCACU CCACCUCC 13011 ACGGAGGA 4887 CUUGUGCU UCCACAGAA 13012 ACGCCCACAA 4886 GUUCCCCC UCCACAGAA 13016 ACGCCCCAAA 4887 UUGACCCCC UCCACAGAA 13018 ACGCCCCG	6064	4966	Ø	12998	UCAAAACA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAAGGA	35283
4948 CACCCCUG G UUUCGUCU 13000 AGACGAAA 4943 CUGGUUUC G UCUGGACG 13001 CGUCCAGA 4935 GUCUGGAC G UUCUUAAC 13002 GUUAAGAA 4926 UUCUUAAC 13003 GGCAAGAA 4920 ACGUUCUU G CCAGGUUC 13004 GAACCUGG 4915 CUUGCCAG G UUCCACCU 13006 AUGAGGUG 4897 AAUCAUCU G CCCGUUCC 13006 AUGAGGUG 4881 UCCAGCUUG CCCCACUUG 13009 UUGCAGCG 4882 CUCACUCUG CCCCACUUG 13010 AAUUGCAG 4881 UCCCACUUG CCCCACUUG 13011 AGGACCGG 4882 CUUGUGCU CUCCCACUU 13013 CUUUGCAG 4884 GUCCACCUU 13014 AGGAUCCGA 4885 UUUCCACUU CCCCAGUA 13013 CUUUGCAG 4886 GUACACACU CCCCAGUA 13014 AGGAUCCGA 4887 UUUCCACAC GCCCCAGUA 13014 AGGAUCCGA 4881 <t< td=""><td>9909</td><td>4964</td><td>ซ</td><td>12999</td><td>GUUCAAAA</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUGAAG</td><td>35284</td></t<>	9909	4964	ซ	12999	GUUCAAAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUGAAG	35284
4943 CUGGUUUC G UCUGGACG 13001 CGUCCAGA 4935 GUCUGGAC G UUCUUAAC 13002 GUUAAGAA 4926 UUCUUAAC G UUCUUACC 13003 GGCAAGAA 4920 ACGUUCUU G CCAGGUUC 13004 GAACCUGGA 4915 CUUGCCAG G UUCCACCA 13005 UGGUGGAA 4897 AAUCAUCU G CCCAGUUCC 13006 AUGAGGGG 4881 UCCAGCUU G CCCAGUUC 13009 AUGAGGGGA 4882 CUCAUCCU G CCCAGUUC 13010 AAUUGCAGG 4887 UUCCACUU G UCCACCUU 13011 AGGACGGGA 4887 UUCCACUU G UCCACCUU 13012 ACGGAGGA 4887 UUUCCACUU G UCCACCUU 13013 CUUUGUUA 4887 UUUCCACUU G UCCCCCGU 13014 AGGACCGA 4887 UUUCCACCU UACCACCUU 13014 AGGACCCAU 4887 UUUCCACCU UACCACCUU 13014 AGGACCCAU 4881 GUGCCCCCC UACCACCAU 13014 AGGACCCAU 4882 UUCCACCCA 13014 <td>6082</td> <td>4948</td> <td>UG G</td> <td>13000</td> <td>AGACGAAA</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGGUG</td> <td>35285</td>	6082	4948	UG G	13000	AGACGAAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGGUG	35285
4935 GUCUGGAC G UUCUUAAC 13002 GUUAAGAA 4926 UUCUUAAC G UUCUUGCC 13003 GGCAAGAA 4920 ACGUUCUU G CCAGGUUC 13004 GAACCUGG 4915 CUUGCCAG G UUCCACCA 13005 UGGUGGAA 4897 AAUCAUCU G CCCGUUCC 13007 GGBACGGG 4881 UCCUGCCC G UUCCACUU 13008 AAGUGGAA 4872 UUCCACUU G UCCACUU 13010 AAGUGGAA 4873 UUCCACUU G UCCACUU 13011 AGGACGGGA 4867 CUUGUGCU G UUCCACUU 13012 ACGGAGGA 4867 UUCCACUU G UCCACCUU 13013 CUUUGUGCA 4867 UUUCCACUU G UCCACCUC 13013 CUUUGUUA 4867 UUUCCACUU G UCCACCUC 13014 AGGAUCCA 4867 UUUCCACUU G UCCACCUC 13014 AGGAUCCA 4815 UUUCCACCU UACACAGAG 13016 ACCCCAUU 4816 GUAACAAA 13016 GACCCAUU 4815 UUCACCCCA UACACAGCC 13016 GACCCAUU </td <td>6087</td> <td>4943</td> <td>ย</td> <td>13001</td> <td>CGUCCAGA</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAACCAG</td> <td>35286</td>	6087	4943	ย	13001	CGUCCAGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAACCAG	35286
4926 UUCUUAAC G UUCUUGCC 13003 GGCAAGAA 4920 ACGUUCUU G CCAGGUUC 13004 GAACCUGG 4915 CUUGCCAG G UUCCACCA 13005 UGGUGGAA 4897 AAUCAUCU G CCCGUUCC 13007 GGBACGGG 4881 CUCAUCCU G CCCGUUCC 13007 GGBACGGG 4882 CUCAUGUC G CCCGUUCC 13010 AAUGGCAG 4870 CCACUUGU G CCCACUUC 13011 AGGAGGGA 4867 CUUGUGCU G CCCACUUC 13011 AGGAACCGG 4867 CUUGUGCU G CCCACUUC 13013 CUUUGUUCA 4867 CUUGUGCU G CAAUUUCC 13011 ACGGAAGGA 4867 CUUGUGCU G CAAUUUCC 13013 CUUUGUUA 4867 UUCCACUC UACCACGG 13014 AGGAUCCA 4867 UUCCACUC UACCACGG 13016 GACCCCAUA 4815 UUGACCAC UACCACGGG 13016 GACCCCAUA 4815 CUCCUCCC UACCACGGG 13016 GACCCCAUA 4803 GGGUCCAG CC	6095	4935	២	13002	GUUAAGAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCCAGAC	35287
4920 ACGUUCUU G CCAGGUUC 13004 GAACCUGG 4915 CUUGCCAG G UUCCACCA 13005 UGGUGGAA 4897 AAUCAUCU G CACCUCAU 13006 AUGAGUGGAA 4885 CUCAUCCU G CCCGUUCC 13007 GGAACGGG 4881 UUCCACUU G UCCACUU 13009 UUGCAGCA 4872 UUCCACUUGU G UCCACAUU 13010 AAUUGCAG 4870 CCACUUGU G CAAUUUCC 13011 GGAAAAUUG 4867 CUUGUGCU G CAAUUUCC 13012 AAUGGAGGA 4867 CUUGUGCU G CAAUUUCC 13013 CUUUGUUA 4867 CUUGUGCU G CAAUUUCC 13011 GGAAACUGGA 4867 UUUCAACA G UCCACAUA 13013 CUUUGUUA 4815 UUGAACAAA G UCGAUCCU 13014 AGGAUCGA 4815 CUGCCCCCA G UAACAAAG 13015 UACUGGGG 4815 CUGCCCCCA G UAACAGGG 13016 GACCCCAUA 4803 GGGUCCAG G UACACGCG 13016 GACCCCAUA 4800 UCCACAGGG CCCCAGUA 13016 GACCCCAU	6104	4926	ש	13003	GGCAAGAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUAAGAA	35288
4915 CUUGCCAG G UUCCACCA 13005 UGGUGGAA 4897 AAUCAUCU G CACCUCAU 13006 AUGAGUG 4885 CUCAUCCU G CCCGUUCC 13007 GGAACGGG 4881 UCCCACUG G CCCCACU 13009 UUGCAGCA 4872 UUCCACUG G CCCACAU 13010 AAUUGCAG 4867 CUUGUGCU G CAAUUUCC 13011 AGGAACUG 4867 CUUGUGCU G CAAUUUCC 13012 ACGGAGGA 4867 CUUGUGCU G CAAUUUCC 13013 CUUUGUUA 4818 GGUCCUCC G UAACAAAG 13013 CUUUGUUA 4815 UUGAACAAA UCCACAGGA 13014 AGGAACCGA 4815 UUGACCCCA UACGACCCGU 13014 AGGAUCCGA 4815 CUGCCCCA UACGACCCG 13016 GACCCCAUA 4815 CUGCCCCA UACGACCCG 13016 GACCCCAUA 4809 CAGUUCGG CCCCCACUC 13016 GACCCCAUA 4809 CAGUCCCCA UACGACCCCA 13016 GACCCCAUA 4809	6110	4920	B	13004	GAACCUGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACGU	35289
4897 AAUCANCCU G CACCUCAU 13006 AUGAGGGG 4885 CUCANUCCU G CCCGUUCC 13007 GGAACGGG 4881 UCCCACUUGU G UCCCACUU 13008 AAGUGGAA 4872 UUCCACUUG G UCCCACUU 13010 AAUUGCAGA 4867 CUUGUGCU G CAAUUUCC 13011 AGGAACUGA 4867 CUUGUGCU G CAAUUUCC 13012 ACGGAGGA 4848 GGUCCUCC G UAACAAAG 13013 CUUUGUUA 4815 UUGAACAAA UACGGGGG 13014 AGGAACCGA 4816 GUAACAAA UACGGGGGG 13014 AGGAACCGA 4817 UUGAACAAA UACGCCCAUA 13015 UACUGGGG 4815 CUGCCCCA UAUGGGGC 13016 GACCCCAUA 4803 GGGUCCAG UACGCCCCA 13016 GACCCCAUA 4809 CAGUNGG CCCCUCCCC 13018 GAGGCCCG 4800 UCCACGGG CCCCUCCCC 13018 GAGGGCCG 4800 UCCACGGG CCCCUCCCC 13020 UUGAGGCCG	6115	4915	Ð	13005	UGGUGGAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCAAG	35290
4885 CUCAUCCU G CCCGUUCC 13007 GGAACGGGA 4881 UCCUGCCC G UUCCACUU 13008 AAGUGGAA 4872 UUCCACUUGU G UGCUGCAA 13010 AAUUGCAGA 4867 CUUGUGCU G CAAUUUCC 13011 AAUUGCAGA 4867 CUUGUGCU G CAAUUUCC 13012 ACGGAGGA 4868 UUUCCAGG G UCCUCCGU 13013 CUUUGUUA 4810 GUAACAAA UAGAACCGA UAGAACCGA 4811 UUGAACACU CCCCAGUA 13014 AGGAUCCGA 4812 UUGACCCCA UACAGGGG 13014 AGGAUCCGA 4815 CUGCCCCA UACAGGGG 13015 UACUGGGG 4803 GGGUCCAG UCCAGGGG 13016 GACCCCAUA 4804 GGGUCCAG CCCUCUCC 13018 GAGGGCCG 4805 CAGUCCCCA UCCAGGCG 13019 GAGGGCCG 4806 UCCAGGCG CCCUCUCC 13018 GAGGGCCG 4807 CCCUCUCC GCCCUCUCC 13021 UCACCCGGA	6133	4897	Ö	13006	AUGAGGUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGAUU	35291
4881 UCCUGCCC G UUCCACUU 13008 AAGUGGAA 4872 UUCCACUUG G UGCUGCAA 13010 AAUUGCAGA 4870 CCACUUGU G CUGCAAUU 13010 AAUUGCAGA 4867 CUUGUGCU G CAAUUUCC 13011 GGAAAUUG 4868 UUUCCAGG G UCCUCGU 13012 ACGGAGGA 4810 GUAACAAA UUGAACCA 13013 CUUUGUUA 4811 UUGAACAU CCCCAGUA 13014 AGGAUCGA 4812 UUGACCCC UAACGGGG 13016 GACCCCAUA 4815 CUGCCCCA UAUGGGCG 13016 GACCCCAUA 4800 CCGUCCCA UACAGGCG 13016 GACCCCAUA 4800 UCCAGGCG CCCUCCCC 13018 GAGGCCCG 4800 UCCAGGCCG CCCUCCCC 13020 UUGAGGC	6145	4885	Ø	13007	GGAACGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAUGAG	35292
4872 UUCCACUU G UGCUGCAA 13009 UUGCAGCA 4870 CCACUUGU G CUGCAAUU 13010 AAUUGCAG 4867 CUUGUGCU G CAAUUUCC 13011 GGAAAUUG 4858 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA 4840 GUBACACC UAACAAAG 13013 CUUUGUUA 4815 UUGACCCC UAACAAAG 13014 AGGAUCGA 4815 CUGCCCCA UAUGGGCC 13016 GACCCCAUA 4803 CAGUNGG UCCAGGCG 13016 GACCCAUA 4804 UCCAGGCG UCCAGGCG 13016 GACCCCAUA 4805 CAGUNGG UCCAGGCG 13016 GACCCCAUA 4800 UCCAGGCG CCCCUCGC 13018 GAGGGCCG 4800 UCCAGGCG CCCUCGCC 13018 GAGGGCCG 4800 UCCAGGCG CCCUCGCC 13018 GAGGGCCG 4800 UCCAGGCG CCCUCGCC 13018 GAGGGCCG 4791 UCACAGGCG CCCCUCGC 13020	6149	4881	O	13008	AAGUGGAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCAGGA	35293
4870 CCACUUGU G CUGCAAUU 13010 AAUUGCAG 4867 CUUGUGCU G CAAUUUCC 13011 GGAAAUUG 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA 4840 GUAACAAA G UCAAUCCU 13013 CUUUGUUA 4811 UUGACCCC G UAACAAGG 13014 AGGAUCGA 4815 CUGCCCCA G UAACAGGC 13016 GACCCAUA 4803 CAGUNUGG G UCCAGGC 13016 GACCCAUA 4803 GGGUCCAG G UAACAGGC 13018 GACCCAUA 4800 UCCAGGCG 13019 GGCCCGUGA 4800 UCCAGGCG CAGCCCUC 13018 GAGGGCCG 4800 UCCAGGCG CCCUCCUC 13019 GGAGGCCG 4800 UCCAGGCG CCCUCCUC 13020 UUGAGGCG 4791 CCCUCCCC 13020 UUGAGGCG 4778 UCAACAGG CUCCUUUC 13021 AAAAGGGG 4765 CUUUGGU UUGGCAUA 13024 UUGGCAUA 4766 CUUUUGU UUGGAAAGG	6158	4872	O	13009	UUGCAGCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGGAA	35294
4867 CUUGUGCU G CAANUUCC 13011 GGAAAUUG 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA 4848 GGUCCUCC G UAACAAAG 13013 CUUUGUUA 4821 UUGACCAC G UAACAAAG 13014 AGGAUCGA 4815 CUGCCCCA G UAACAGCG 13016 AGGAUCGA 4809 CAGUNUGG G UCCAGGG 13017 CGCCCAGGA 4800 CAGUCCAG 13018 GAGGGCG 4800 UCCAGGG CCCUCUCC 13018 GAGGGCG 4800 UCCAGGG CCCUCUCC 13019 GAGGGCG 4800 UCCAGGG CCCUCUCC 13019 GAGGGCG 4701 CCCUCCCC 13019 GAGGGCG 4701 UCAAGGG CCCUCUCC 13020 UUGAUGGG 4701 UCAAGGG CUCCUUUC 13021 AAAAGGGG 4702 UCCUUUU UUGAUAUGC 13023 GCUUUGG 4702 CUUUUGUU UUGACAGA 13024 UUGGCAUA 4702 CAAAAGGG <t< td=""><td>6160</td><td>4870</td><td>O</td><td>13010</td><td>AAUUGCAG</td><td></td><td>35295</td></t<>	6160	4870	O	13010	AAUUGCAG		35295
4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA 4848 GGUCCUCC G UAACAAAG 13013 CUUUGUUA 4821 UUGACCUCC 13014 AGGAUCGA 4815 CUGCCCCA 13015 UACUGGGG 4809 CAGUNUGG UCCAGGCG 13016 GACCCAUA 4800 CAGUNUGG UCCAGGCG 13018 GAGGGCCG 4800 UCCAGGGG CCGUCCUC 13018 GAGGGCGG 4800 UCCAGGGG CCCUCUCC 13018 GAGGGCCG 4701 CCCUCGCG CUCCUCCA 13020 UUGAUGAGG 4701 UCAACAGGG CUCCUCCA 13021 AGGAGCCG 4701 UCACCCCCC 13019 GGAGGCGG 4701 UCACCCCCC 13021 AGGAGCCG 4702 UCACUCCC 13021 AGGAGCCG 4766 CUCCUUUG UUGGCAUA 13024 UUGGCAUA 4766 CUUUGGU UUGCAAAGGG UUGCAAAGGG UUUCCACCA 4764 GCCAAAGGG	6163	4867	Ö	13011	GGAAAUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACAAG	35296
4848 GGUCCUCC G UAACAAAG 13013 CUUUGUUA 4840 GUAACAAA G UCGAUCCU 13014 AGGAUCGA 4821 UUGACACU G CCCCAGUA 13015 UACUGGGG 4815 CUGCCCCA G UAUGGGUC 13016 GACCCAUA 4809 CAGURUGG G UCCAGGCG 13017 CGCCUGGA 4800 UCCAGGCG G CGCCCUC 13018 GAGGGCCG 4791 CCCUCUCC 0 UCGAGGG GAGGGCCG 4791 CCCUCUCC 0 UCGAGGG GAGGGCCG 4791 UCAACAGG 0 CUCCUUUC 13021 AGGAGCCG 4791 UCAACAGG 0 CUCCUUUU 13021 AGGAGCCG 4769 UCAACAGG 0 CUCCUUUU 13021 AAAAAGGGG 4769 CUCCUUUU 0 UUGUAUGCA 13023 AAAAAGGAG 4766 CUUUUGUU 0 UUGUAUGCA 13023 UUGGCAUA 4766 CUUUUGUU 0 UUGUAAAGGG 13025 UUUCCACA 4764 GCCAAAGGG UGGGAAAGGG 13026 UUUCCACA 4754 <td>6175</td> <td>4855</td> <td>ტ ტ</td> <td>13012</td> <td>ACGGAGGA</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGAAA</td> <td>35297</td>	6175	4855	ტ ტ	13012	ACGGAGGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGAAA	35297
4840 GUAACAAA G UCGAUCCU 13014 AGGAUCGA 4821 UUGACACU G CCCCAGUA 13015 UACUGGGG 4815 CUGCCCCA G UAUGGGUC 13016 GACCCAUA 4809 CAGUAUGG G UCCAGCG 13017 CGCCUGGA 4800 UCCAGGCG G CGCCCUC 13018 GAGGGCCG 4791 CCCUCUCC G CUCAUCAA 13020 UUGAUGAGG 4781 UCAUCAAG G CCCCUCUC 13021 AGGAGCCG 4781 UCAUCAAG G CUCCUUUU 13021 AGGAGCCG 4769 CCCUCUCC G CUCCUUUU 13021 AGGAGCCG 4769 UCAUCAAG G CUCCUUUU 13021 AAGAAGGG 4769 CUCCUUUU UUGUAUGC 13023 AAAAAGGG 4766 CUUUUGUU UUGUAAGGA 13022 AAAAAGGA 4766 CUUUUGUU UUGUAAGGA 13024 UUGGCAUA 4766 CUUUUGUU CCAAAAGGA 13026 UUUCCACA 4764 GCCAAAGG UUGGAAAAGG UUGCACAA 13026 UUUCCACAA	6182	4848	Ø	13013	CUUUGUUA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGACC	35298
4821 UVGACACU G CCCCAGUA 13015 UACUGGGG 4815 CUGCCCCA G UAUGGGUC 13016 GACCCAUA 4809 CAGUAUGG G UCCAGCG 13017 CGCCUGGA 4803 GGGUCCAG G CGCCCUC 13018 GAGGGCCG 4800 UCCAGGCG G CCCUCUC 13019 GGAGAGGG 4791 CCCUCUCC G CUCAUCAA 13020 UUGAGGGG 4781 UCAACAGC G CUCCUUUU 13021 AGGAGCCG 4778 UCAAAGC G CUCCUUUU 13021 AAAAGGGG 4764 CUCCUUUU UUGUAUGC 13023 AAAAGGGG 4765 CUUUUGUU UUGUAUGCA 13023 AAAAGGGCG 4766 CUUUUGUU UUGUAUGCAA 13024 UUGGCAUA 4766 CUUUUGUU CAAAAGGG 13025 UUGCCAUA 4764 GCCAAAGG UUGGAAAGG UUGCACA 4754 GCCAAAGG UUGGAAAAC 13026 UUUCCACA	6190	4840	ט	13014	AGGAUCGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGUUAC	35299
4815 CUGCCCCA G UAUGGGUC 13016 GACCCAUA 4809 CAGUANGG G UCCAGGCG 13017 CGCCUGGA 4803 GGGUCCAG G CGGCCCUC 13018 GAGGGCCG 4800 UCCAGGCG G CCCUCUC 13019 GGAGGCGG 4791 CCCUCUCC G CUCAUCAA 13020 UUGAGGGG 4778 UCANCAAG G CUCCUUU 13021 AGGAGCCG 4778 UCAAAGG G CUCCUUU 13022 AAAAGGAG 4769 CUCCUUUU UUGUAUGC 13023 GCAUACAA 4766 CUCUUUGU UUGGCAUA 13023 GCAUACAA 4766 CUUUUGUU UAUGCCAA 13023 GCAUACAA 4764 GCCAAAGG G UGUGGAAA 13026 UUCCACA 4754 GCCAAAGG G UGUGGAAA 13026 UUUCCACA 4754 GCCAAAGG G UGUGGAAAAC 13027 GUUUCCACA	6209	4821	O	13015	UACUGGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGUCAA	35300
4809 CAGUANGG G UCCAGGCG 13017 CGCCUGGA 4803 GGGUCCAG G CGGCCCUC 13018 GAGGGCCG 4800 UCCAGGCG G CCCUCUC 13019 GGAGGAGGG 4791 CCCUCUCC G CUCAUCAA 13020 UUGAAGGG 4778 UCAAAGGG G CUCCUUU 13021 AAGAGGCG 4769 CUCCUUUU 13022 AAAAGGAG 4769 CUCCUUUU UUGUANGC 13023 GCAUACAA 4769 CUCCUUUU UUGUCCAA 13023 GCAUACAA 4766 CUUUUGUU UAUGCCAA 13023 GCAUACAA 4764 GCCAAAGG G UGUGGAAA 13024 UUCCACAA 4754 GCCAAAGG G UGUGGAAA 13025 CUUUCCACA 4752 CAAAAGGGU G UGGGAAAAC 13027 GUUUCCACA	6215	4815	0	13016	GACCCAUA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGCAG	35301
4803 GGGUCCAG G CGGCCUC 13018 GAGGGCCG 4800 UCCAGGCG G CCCUCUC 13019 GGAGAGGG 4791 CCCUCUCC G CUCAUCAA 13020 UUGAUGAGG 4781 UCAUCAAAGC G CUCCUUUU 13021 AAGAGGCG 4778 UCAAAAGC G CUCCUUUU 13022 AAAAGGAG 4769 CUCCUUUU G UUGUAUGC 13023 GCAUAACAA 4766 CUUUUGUU G UAUGCCAA 13024 UUGGCAUA 4762 UGUUUGUU G CCAAAAGGG 13023 CCCUUUGG 4764 GCCAAAGG G UGUGGAAA 13024 UUCCCAU 4754 GCCAAAGG G UGUGGAAA 13026 UUUCCACA 4752 CAAAGGGU G UGGAAAAC 13027 GUUUCCACA	6221	4809		13017	CGCCUGGA		35302
4800 UCCAGGGG G CCCUCUCC 13019 GGAGAGGG 4791 CCCUCUCC CUCAUCAA 13020 UUGANGAGG 4781 UCAAAGGG CUCCUUU 13021 AGGAGCCG 4778 UCAAAGGG CUCCUUU 13022 AAAAGGAG 4769 CUCCUUU G UUGUAUGC 13023 GCAUACAA 4766 CUUUUGUU UAUGCCAA 13024 UUGGCAUA 4762 UGUUUGUU CCAAAAGGG 13024 UUGCCAUA 4764 GCCAAAGG UGUGGAAA 13026 UUUCCACA 4752 CAAAGGGU UGGAAAAAC 13026 GUUUCCACA	6227	4803	AG G	13018	GAGGGCCG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGACCC	35303
4791 CCCUCUCC G CUCAUCAA 13020 UUGANGAGG 4781 UCANCAAA G CGGCUCCU 13021 AGGAGCCG 4778 UCAAAGGG G CUCCUUU 13022 AAAAGGAG 4769 CUCCUUUU G UUGUAUGC 13023 GCAUACAA 4766 CUUUUGUU G UAUGCCAA 13024 UUGGCAUA 4762 UGUUUGUU G CCAAAGGG 13024 UUGCCAUA 4764 GCCAAAGG G UGUGGAAA 13026 UUUCCACA 4754 GCCAAAGGG G UGGGAAAAC 13026 GUUUCCACA	6230	4800	ဗ ဗ	13019	GGAGAGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCUGGA	35304
4781 UCAUCAAA G CGGCUCCU 13021 AGGAGCCG 4778 UCAAAGCG G CUCCUUU 13022 AAAAGGAG 4769 CUCCUUUU G UUGUAUGC 13023 GCAUACAA 4766 CUUUUGUU G UAUGCCAA 13024 UUGGCAUA 4762 UGUUUGUU G CCAAAGGG 13024 UUGGCAUA 4762 UGUUUGGAAA 13026 UUUCCACA 4754 GCCAAAGGG G UGGGAAAC 13026 UUUCCACA 4752 CAAAGGGU G UGGAAAAC 13027 GUUUUCCA	6239	4791	စ ၃၃	13020	UUGAUGAG	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAGAGGG	35305
4778 UCAAAGGG G CUCCUUUU 13022 AAAAGGAG 4769 CUCCUUUU G UUGUANGC 13023 GCAUACAA 4766 CUUUUGUU G UAUGCCAA 13024 UUGGCAUA 4762 UGUUGUAU G CCAAAGGG 13025 CCCUUUGG 4754 GCCAAAGG G UGUGGAAA 13026 UUUCCACA 4752 CAAAGGGU G UGGAAAAC 13027 GUUUUCCA	6249	4781	Ð	13021	AGGAGCCG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGAUGA	35306
4769 CUCCUUUU G UUGUANGC 13023 GCAUACAA 4766 CUUUUGUU G UAUGCCAA 13024 UUGGCAUA 4762 UGUUGUAU G CCAAAGGG 13025 CCCUUUGG 4754 GCCAAAGG G UGUGGAAA 13026 UUUCCACA 4752 CAAAGGGU G UGGAAAAC 13027 GUUUUCCA	6252	4778	o	13022	AAAAGGAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUUUGA	35307
4766 CUUUUGUU G UAUGCCAA 13024 UUGGCAUA 4762 UGUUGUAU G CCAAAGGG 13025 CCCUUUGG 4754 GCCAAAGG G UGUGGAAA 13026 UUUCCACA 4752 CAAAGGGU G UGGAAAAC 13027 GUUUCCA	6261	4769	IJ	13023	GCAUACAA	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAAAGGAG	35308
4762 UGUUGUAU G CCAAAGGG 13025 CCCUUUGG 4754 GCCAAAGG UGUGGAAA 13026 UUUCCACA 4752 CAAAGGGU UGGAAAAAC 13027 GUUUUCCA	6264	4766	B 0	13024	UUGGCAUA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAG	35309
4752 CAAAGGU G UGGAAAC 13026 UUUCCACA 4752 CAAAGGU G UGGAAAAC 13027 GUUUUCCA	6268	4762	AU G	13025	cccnnnea	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAACA	35310
4752 CAAAGGGU G UGGAAAAC 13027 GUUUUCCA	6276	4754	១	13026	UUUCCACA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUUGGC	35311
	6278	4752	DE DE	13027	GUUUUCCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG	35312

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35313	35314	35315	35316	35317	35318	35319	35320	35321	35322	35323	35324	35325	35326	35327	35328	35329	35330	35331	35332	35333	35334	35335	35336	35337	35338	35339	35340	35341	35342	35343	35344	35345	35346	35347	35348	35349	35350	35351	35352
GUGAUGGU	GGGCGUGA		AGUUAUCA	UCGGCAGU	UGCUCGGC	uceueeec	AGGAUCAU	GUCUACAG	ceecencn	CACCGGCG		ACGACCAC	AAAAAGGG	CAAAGGAG	UCCCUCAC		GUGUUGUG			UCUCCAAU	- 1		- 1	ACCCCCUG		GAUUAGUG		CUUGGAAG	ACCUUGGA	UCAUGAAU	UUCCAGCU	UUGAUGAU	GGCUUGAU	GAAAGAGU	UCGAGCGA	AGGCUCGA	AGAAAUUA	AUUUCCUG	GGACAUUU
SGACAUCGUCCGGG	3GACAUCGUCCGGG	3GACAUCGUCCGGG	3GACAUCGUCCGGG	3GACAUCGUCCGGG	3GACAUCGUCCGGG	GGACAUCGUCCGGG	scacauceuccese	SGACAUCGUCCGGG	36ACAUCGUCCGGC	GGACAUCGUCCGGG	GGACAUCGUCCGGG	GGACAUCGUCCGG	GGACAUCGUCCGGG	GGACAUCGUCCGGC	GGACAUCGUCCGGG	GGACAUCGUCCGGG	GGACAUCGUCCGG	GGACAUCGUCCGGC	GGACAUCGUCCGGC	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGGC	GGACAUCGUCCGGC	GGACAUCGUCCGGC	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG	GGACAUCGUCCGG
Table XII GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAUGGU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAAACUCCCUUCAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGCAGU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUGGGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	вамаваласисссииславалстисвиссево иисслоси	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ввавваласиссииславваслисвиссвве двалаиил	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG																							
GGAGCGGG GGP		UUAUCAAG GGA	cogcoces sea	GUGGGCUG GGA	cucauaaa aay	GAUCAUGA GGP	GGCGUCUA GGA	ACCACCGG GGA	CACGACCA GGP	GGACACGA GGP	GGGGGACA GGP	AAGGGGGA GGP	AAGGAGUA GGA	CUCCCUCA GGA	GUGGGACA GG	UUGUGGGA GGZ	AGAGGAGG GGF	CCAAUACA GG	CUCCAAUA GGA	UUGGAUAA GGA	CAAUCUUG GGA	cccaeee ee	UGCGUACA GGA	AGUGCGUA GGA	GAUUAGUG GG	coencoce ees	UAUGGAUG GG	CAGGAGCA GGI	UCCAGGAG GGI		GAUGGAAA GGA	AUGUGCGG GG	UUGAUGUG GGA	GGCUCGAG GGA	ŧ	AGAAAUUA GG	AAGUGAUG GGI	ACGGCGGA GG	GAGAACGG GG
13028	13029	13030	13031	13032	13033	13034	13035	13036	13037	13038	13039	13040	13041	13042	13043	13044	13045	13046	13047	13048	13049	13050	13051	13052	13053	13054	13055	13056	13057	13058	13059	13060	13061	13062	13063	13064	13065	13066	13067
ACCAUCAC G CCGCUCC	UCACGCCC G CUCCUGCU	CCGCUCCU G CUUGAUAA	UGAUAACU G CCGAGCAG	Ø	GCCGAGCA G CCCACGAG	GCCCACGA G UCAUGAUC	AUGAUCCU G UAGACGCC	CUGUAGAC G CCGGUGGU	AGACGCCG G UGGUCGUG	cecceene e ncenencc	ceaneanc e nancoccc	augancen a ucccccuu	cccuuuu e uacuccuu	cuccutud a uanagana	GUGAGGGA G UGUCCCAC	GAGGGAGU G UCCCACAA	CACAACAC G CCUCCUCU	CUCUCUUU G UGUAUUGG	O	AUUGGAGA G UUAUCCAA	UACUGAGG G CAAGAUUG	GCAAGAUU G CCCAGGGG	CCCAGGGG G UGUACGCA	CAGGGGGU G UACGCACU	GGGUGUAC G CACUAAUC	CACUAAUC G CGAGACAG	CAUUCUGA G CAUCCAUA	CUUCCAAG G UGCUCCUG	UCCAAGGU G CUCCUGGA	AUUCAUGA G CUGGAAGU	Ø	AUCAUCAA G CCGCACAU	AUCAAGCC G CACAUCAA	ACUCUUUC G CUCGAGCC	UCGCUCGA G CCUGUAAU	UCGAGCCU G URAUTUCU	UNAUTUCO G CAUCACUU	CAGGAAAU G UCCGCCGU	AAAUGUCC G CCGUUCUC
4728 AC	-	4718 CC	4707 UG	4702 AC	4699 GC	4691 GC	4680 AU	4674 CU	4670 AC	4667 CC	4664 CC	4662 GU	4650 CC	4639 CT	4631 GU	4629 GP	4617 CP	4604 CU	-	4592 AU	4567 UP		L	4548 CP	L	4535 CP	L	4498 CL	4496 UC	4477 AL	4470 AG	4453 AL	4450 AL	4434 AC	4428 UC	4424 UC			4391 AP
6302 4	╀	6312 4	6323 4	6328 4	6331 4	6339 4	6350 4	6356 4	6360 4	6363 4	6366 4	6368 4	6380 4	6391 4	6399 4	6401 4	6413 4	6426 4	-	6438 4	6463 4	6471 4	┝	6482 4	6486 4	6495 4	6514 4	6532 4	6534 4	6553 4	6560 4	┝	H	6596 4	-	6606 4	6615 4	H	6639

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6642	4388	uguccecc a uncucuca	13068	UGAGAGAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGACA	35353
6663	4367	ACAUAUCU G UUGAUUUC	13069		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUAUGU	35354
6687	4343	UCACGAAA G CAGCAAAC	13070	GUUUGCUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCGUGA	35355
0699	4340	ט	13071	CAUGUUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUUUCG	35356
6700	4330	AAACAUGA G CCCCGCGA	13072	ರಾದ್ಯದಾಡಿ	GOAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUGUUU	35357
6705	4325	Ø	13073	GACUAUCG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGCUCA	35358
6711	4319	O	13074	UCCAAUGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCGCGG	35359
6723	4307	Ø	13075	CUCCAUGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUCCAA	35360
6731	4299	O	13076	GACAUUGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAUGGC	35361
6737	4293	GAGUCAAU G UCAAGCUC	13077	GAGCUUGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGACUC	35362
6742	4288	AAUGUCAA G CUCUGCCA	13078	UGGCAGAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGACAUU	35363
6747	4283	CAAGCUCU G CCAGCCCU	13079	AGGGCUGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGCUUG	35364
6751	4279	CUCUGCCA G CCCUCCGA	13080	UCGGAGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCAGAG	35365
6765	4265	JG G	13081	AAUGUUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGUCG	35366
9249	4254	AACAUUAG G CCGACAGC	13082	GCUGUCGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAAUGUU	35367
6783	4247	GGCCGACA G CUGUCAUC	13083	GAUGACAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCGGCC	35368
6786	4244	Ø	13084	AGUGAUGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUGUCG	35369
6798	4232	UCACUUCA G UUGCGGGC	13085	GCCCGCAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGUGA	35370
6801	4229		13086	AUGGCCCG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUGAAG	35371
6805	4225	b	13087	GCGGAUGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCAACU	35372
6812	4218	ט	13088	CGUAAACG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUGGCC	35373
6814	4216	U	13089	ACCGUAAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGAUGG	35374
6821	4209	0	13090	GAUCCCAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUAAACG	35375
6834	4196	Ø	13091	ACUGAUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGAUC	35376
6841	4189	Ø	13092	CUGCUGGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGCA	35377
6846	4184	UCAGUCCA G CAGCAAGG	13093	CCUUGCUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGACUGA	35378
6849	4181	GUCCAGCA G CAAGGAUC	13094	GAUCCUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUGGAC	35379
6863	4167	اه	13095	CUUUUCAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCAUGAU	35380
6871	4159	ט	13096	CAACAGGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUCAAC	35381
6876	4154	Ø	13097	AGCCUCAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGACUUU	35382
6882	4148	O	13098	GGCUCUAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAACAG	35383
6888	4142	Ð	13099	AUGCUUGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAGCCU	35384
6893	4137	AGAGCCAA G CAUAGCAG	13100	CUGCUAUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGCUCU	35385
6898	4132	JA G	13101	CAAGUCUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGCUUG	35386
9069	4124	1 1	13102	GAAAGGAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUCUGC	35387
6921	4109	Ø	13103	UGCAGCUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAAAGA	35388
6924	4106	Ð	13104	GAGUGCAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAAAAA	35389
6927	4103	UUGCAGCU G CACUCCUC	13105	GAGGAGUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUGCAA	35390
6950	4080	CUGAUCAA G CUGCCUAU	13106	AUAGGCAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUCAG	35391
6953	4077	AUCAAGCU G CCUAUUCC	13107	GGAAUAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUGAU	35392

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6973	4057	CAUCAACA G CAGUAUCC	13108	Н	35393
9269	4054	CAACAGCA G UAUCCUGU	13109	ACAGGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUGUUG 3539	35394
6983	4047	B	13110	AGGAUACU 3	5395
1001	4029	AGAUUCAA G CAUCUCAG	13111	UUGAAUCU 3	5396
4007	4021	b	13112	_	35397
7015	4015	CAGCCCGG G UGUUAGCA	13113	UGCUAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGGCUG 3539	5398
7017	4013	ассседей в пиласлав	13114	CCUGCUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCGGGC 3539	35399
7021	4009	GGGUGUUA G CAGGGCUA	13115	UAGCCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAACACCC 3540	5400
7026	4004	UVAGCAGO G CUAGCAGC	13116	GCUGCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGCUAA 3540	5401
7030	4000	O	13117	UAGCCCUG	35402
7033	3997	២	13118	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAGCC	35403
7046	3984	ACAACCAC G UUUGAUGU	13119	ACAUCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGUUGU 3540	35404
7053	3977	cannasa e acendede	13120	CACAACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAAACG 3540	35405
7056	3974	UNGAUGUC G UUGUGAAU	13121	AUUCACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACAUCAA 3540	35406
7059	3971	AUGUCGUU G UGAAUGUU	13122	AACAUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGACAU 3540	35407
7065	3962	Ø	13123	\dashv	35408
7071	3959	AUGUDAUG G CUCUCAGU	13124	ACUGAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAACAU 3540	35409
7078	3952	GGCUCUCA G DAUCAUCC	13125	GGAUGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAGCC 3541	35410
7089	3941	UCAUCCAA G CUACCGCC	13126	GGCGGUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAUGA 3541	35411
7095	3935	O	13127	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAGCUU	35412
7099	3931	Ð	13128	UGGCGGUA	35413
7129	3901	CUCCCAGA G CAGAAUUU	13129	AAAUUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGGGAG 3541	35414
7139	3891	AGAAUUUG G CGGGCAUC	13130	\dashv	35415
7143	3887	unuegoeg a cancenga	13131	UCACGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCCAAA 3541	35416
7148	3882	o	13132	GAUGCCCG	35417
7155	3875	ტ	13133	UVAUCACG	35418
7173	3857	ß	13134	ນອນນນນແນ	35419
7176	3854	AAACAGCC G CCAACAUC	13135	GAUGUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUGUUU 3542	35420
7193	3837	NU G	13136	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUUGUU	35421
7202	3828	ro	13137	CAGGAGAA	35422
7206	3824	O	13138	GAGAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCAGG 3542	35423
7215	3815	ט	13139	UCUCAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAUGGA 3542	15424
7230	3800	GAAACGAU G CCACCAUA	13140	UAUGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGUUUC 3542	35425
7246	3784	AAACACUG G UUGUAUCU	13141	AGAUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUGUUU 3542	35426
7249	3781	CACUGGUU G UAUCUUGA	13142	UCAAGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGUG 3542	35427
7260	3770	ь	13143	CUUCAAGA	35428
7263	3767	Ð	13144	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCUUCA	35429
7270	3760	O	13145	ACTUGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUGGCG 3543	35430
7272	3758		13146	ACACUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAUGG 3543	35431
7277	3753	AGCGCCAA G UGUACCAC	13147	GUGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGCGCU 3543	35432

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7279	3751	٥	13148	ACGUGGUA	1	35435
7286	3744	ט	13149	GGAGGAGA	- 1	30404
7308	3722	Ö	13150	AGCUUUCG	- 1	35435
7314	3716	CUGCGAAA G CUGCCCCC	13121	GGGGGCAG		35436
7317	3713	CGAAAGCU G CCCCCACC	13152	GGUGGGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUUCG	35437
7337	3693	AUGACAUA G CGUAACAC	13153	GUGUUACG		35438
7339	3691	GACAUAGC G UAACACAU	13154	AUGUGUUA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUAUGUC	35439
7350	3680	ACACAUCA G UGUAAGUA	13155	UACUUACA		35440
7352	3678	ACAUCAGU G UAAGUAAU	13156	AUUACUUA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGAUGU	35441
7356	3674	CAGUGUAA G UAAUGCCC	13157	GGGCAUUA		35442
7361	3669	UAAGUAAU G CCCCCAAA	13158	uuuggggg	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUACUUA	35443
7381	3649	CAGGACUA G CAGAGCAA	13159	unecucne		35444
7386	3644	CUAGCAGA G CAAUCAGU	13160	ACUGAUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGCUAG	35445
7393	3637	AGCAAUCA G UAUAGCUG	13161	CAGCUAUA		35446
7398	3632	UCAGUAUA G CUGGCAUG	13162	CAUGCCAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUACUGA	35447
7402	3628	UAUAGCUG G CAUGCUGA	13163	UCAGCAUG	1	35448
7406	3624	GCUGGCAU G CUGAUCUU	13164	AAGAUCAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35449
7416	3614	UGAUCUUG G CUGUCCAC	13165	GUGGACAG		35450
7419	3611	ucuvegeu e uccaecue	13166	GAGGUGGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCAAGA	35451
7430	3600	CACCUCUU G CGAAGGAC	13167	guccunce		35452
7446	3584	CCUCCUGG G UGGCCAAG	13168	CUUGGCCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAGG	35453
7449	3581	CCUGGGUG G CCAAGAAC	13169	GUUCUUGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCCAGG	35454
7469	3561	ACCAGAAG G CCCAACUG	13170	CAGUUGGG		35455
7484	3546	UGAAAAGG G UCAAUCAU	13171	AUGAUUGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUUUCA	35456
7497	3533	UCAUAUCA G CAUUAUAA	13172	UUAUAAUG		35457
7506	3524	CAUUAUAA G CAUUCACU	13173	AGUGAAUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUAAUG	35458
7516	3514	AUUCACUU G UGACUGCA	13174	UGCAGUCA	1	35459
7522	3508	UUGUGACU G CACGAGGG	13175	മവാവാ		35460
7530	3500	GCACGAGG G UCUUUCA	13176	UGAAAAGA		35461
7543	3487	UUCAUCAU G UCUCUGUG	13177	CACAGAGA		35462
7549	3481	AUGUCUCU G UGGUCUGA	13178	UCAGACCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACAU	35463
7552	3478	UCUCUGUG G UCUGAUCU	13179	AGAUCAGA		35464
7577	3453	UACCAACA G CCGCUGUC	13180	GACAGCGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGUA	35465
7580	3450	ပ	13181	ACUGACAG		35466
7583	3447	CAGCCGCU G UCAGUUUG	13182	CAAACUGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCUG	35467
7587	3443	cacuanca a unuaguag	13183	CUACCAAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACAGCG	35468
7592	3438	UCAGUUUG G UAGCGCAG	13184	VUCCCUA	- 1	35469
7595	3435	GUUUGGUA G CGCAGUGG	13185	ವರ್ಧವಾಗವರ ಪ್ರಕೃತಿಗಳಿಗೆ ಪ್ರಕೃತಿಗಳಿಗೆ ಪ್ರಕೃತಿಗಳಿಗೆ ಪ್ರಕೃತಿಗಳಿಗೆ ಪ್ರಕೃತಿಗಳಿಗೆ ಪ್ರಕೃತಿಗಳಿಗೆ ಪ್ರಕೃತಿಗಳಿಗೆ ಪ್ರಕೃತಿಗಳ	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCAAAC	35470
7597	3433	UNGQUAGE G CAGUGGUG	13186	CACCACUG	ı ı	35471
7600	3430	guagegea o ugguggua	13187	UACCACCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGCUAC	35472

Table XII

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7666 3434 CADIDIDAGIO GI DIAGGNOC 13199 GOCYCUTO, GRAGGRANACHICCUTUCARGRACHICCUTCOCAGG CUUDACGG 7611 3417 GERUMGEN 13191 GAGGRACHA GRAGGRANACHICCUTCARGAGALACHICCUCCOCGGG 7613 3417 GERUMGEN 13191 GAGGRACHA 7614 3418 GERUMGEN 13193 GAGGRANACHICCUTCARGAGALACHICCUCCOGGG 7615 3419 ACCADANC 13193 UGCAGGRANACHICCUTCARGAGALACHICCUCCAGG 7625 3408 CUCCUGGR GOCCANAC 13193 UGCAGGRANACHICCUTCARGAGACHUCCCGGG 7625 3408 CUCCUGGR GOCCANAC 13193 UGCAGGRANACHICCCUTCARGAGACHUCCGGG 7669 3371 CUCCUGGR GOCCACACA GAGGRACHACHICCCUTCARGAGACHUCCGGG 7669 3371 CUCCUGGR GOCCACACA GAGGRACHACHICCCUTCARGAGACHUCCGGG 7669 3371 CUCCUGGR 13193 CACCAGGG 13201 7661 3386 GAGGRACHA 13193 CACCAGGG 13201 7661 3387 ACCCAGGG ACCAGGAGAACHICCCCUTCARGAGACHUCCGGG CACCAGGG	7603	3427	GCGCAGUG G UGGUAAGG	13188	CCUUACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUGCGC	35473
3419 GURDANAGO G DUCCUCCO 13190 GARCUCICA GRADAACUCCCUTICAAGGACANUCGUCCOGG 3417 GURDANGO G DUCCUCCO 13191 AGGACUCICA GRADAACUCCCUTICAAGGACANUCGUCCOGG 3418 AAGGACUCA G CUCCUCCO 13193 UGCAGGAG GAGAGACAUCCUTICAAGGACANUCGUCCOGG 3406 CUCCUGCA GURDANAC 13193 UGCAGGAG GAGAGAAACUCCCUTICAAGGACANUCGUCCOGG 3395 ACCACANUC GURDANAC 13193 UGCACCAC GAGAGAAACUCCCUTICAAGGACANUCGUCCGGG 3395 ACCANUC GUNDANAC 13194 GALOCACAC GAGAGAAACUCCCUTICAAGGACANUCGUCCGGG 3317 GUCCACUC GAGAGAAACUCCCUTICAAGGACAUCGUCCGGG GAGAGAAACUCCCUTICAAGGACAUCGUCCGGG 3317 GUCCAGGAG UCCACCAC GAGAGAAACUCCCUTICAAGGACAUCGUCCGGG 3318 GUCCAGGAG UCCACCAC GAGAGAAACUCCCUTICAAGGACAUCGUCCGGG 3318 GUCCAGGAG UCCACCAC GAGAGAAACUCCCUTICAAGGACAUCGUCCGGG 3326 CUCUCUGA UCCACCAC GAGAGAAACUCCCUTICAAGGACAUCGUCCGGG 3326 CUCUCUGA UCCACCAC GAGAGAACUCCCUTICAAGGACAUCGUCCGGG 3326 CUCUCGAG <td< td=""><td>2606</td><td>3424</td><td>9</td><td>13189</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>35474</td></td<>	2606	3424	9	13189	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35474
3417 GEOLAGGE G CARCUCCO 11191 AGGAGGEIG G GAGGAAACUCCCUTCAAGGACAUCGUCCOGG 3418 AGGAGGAA 13192 UGCAGGAG GAGGAAACUCCCUTCAAGGACAUCGUCCOGG 3408 CUCCUCGA 0 AGGACCA 13193 UGCAGGAGA GAGGACAACUCCCUTCAAGGACAUCGUCCOGG 3408 CUCCUCGA 0 AGGACACA 13194 GAUTGGUG GAGGACAACUCCCUTCAAGGACAUCGUCCOGG 33181 ACCUCUCA GUADAACUCCCUTCAAGGACAUCGUCCOGG ACCUCCCG ACAGAGAA GAGGACAACUCCCUTCAAGGACAUCGUCCOGG 3314 ACCUCUCG GUAGACCA GAGGAAACUCCCUTCAAGGACAUCGUCCGGG 3316 CUCUCUGG GUAGACCA GAGGAAACUCCCUTCAAGGACAUCGUCCGGG 3316 CUCUCUGG GUAGACCA GAGGAAACUCCCUTCAAGGACAUCGUCCGGG 3316 GUAGUCGG CUCCACGG GACACCCA GAGGAAACUCCCUTCAAGGACAUCGUCCGGG 3317 GUAGUCGG GUAGACGA GAGGAAACUCCCUTCAAGGACAUCGUCCGGG 3318 GUAGUCAGG GUCCACGG GACCACGAGAAACUCCCUTCAAGGACAUCGUCCGGG 3310 GUAGUCAGG GUCCACGGG GCCACUCG GAGGAAACUCCCUTCAAGGACAUCGUCCGGG 3310 GUCCACGGG	7611	3419	Ð G	13190	L	35475
34.4 AMAGUNGUA GUCCUGCA 13192 UGCAGGAA GGAGGAAACUCCCUUCAAGGACAUCGGCGGG 34.06 CORGUNGCA G CAGCACCA 13194 UGCAGGAAACUCCCCUUCAAGGACAUCGGCGGGGGGGAAACUCCCUUCAAGGACAUCGGCGGGGGGGG	7613	3417	D I	13191	l i	35476
3408 CORRECTION OF CARGACICAN 13193 UGGINGCUIS GRAGGAAACUCCCUTICAAGGACAUCGUCGGGG 3396 CUCCUGGA OF CACCANIC 13194 GAUUGGING GAGGGAAAACUCCCUTICAAGGACAUCGUCGGG 3395 ACCAAUUC OF UNAUCAAC 13195 ACCAGGAG GAGGGAAAACUCCCUTICAAGGACAUCGUCGGG 3317 ACCAAUUC OF UNAUCAAC 13197 CACCACCA GAGGGAAAACUCCCUTICAAGGACAUCGUCGGG 3317 COUTOUGU UNAGGGGA 13199 CACCACCA GAGGGAAACUCCCUTICAAGGACAUCGUCCGGG 3361 CUCTUCUUG UNCOCCACA GAGGGAAACUCCCUTICAAGGACAUCGUCCGGG 3362 CUCTUCUUG UCCACCCCA GAGGGAAACUCCCUTICAAGGACAUCGUCCGGG 3363 UUCCACGGG 13202 GCCCACCCA GAGGGAAACUCCCUTICAAGGACAUCGUCCGGG 3364 CUCCACGGG UCCACGGGA GAGGGAAAACUCCCUTICAAGGACAUCGUCCGGG 3378 CUCCACGGG UCCACCGGG GAGGGGAAACUCCCUTICAAGGACAUCGUCCGGG 3386 GUGGGCCCC 13201 ACCGGGGAAACUCCCUTICAAGGACAUCGUCCGGG 3387 CCACCACGG 13202 ACCGGGGAAACUCCCUTICAAGGACAUCGUCCGGG 3388 GAGGGCCAC 13202 ACCGGGGAC	7616	3414	ย	13192		35477
3405 CUCCUORDA G CACCANIC 13194 GADUGGGG GAGGAAAACUCCCUUCAAGGACAUCGUCGGG 3335 ACCANUUC G UNDUCAAC 13156 GADGGAAAACUCCCUUCAAGGACAUCGUCGGG 3314 AACUUUC G UGGUGGA 13157 CACCACCA GAGGGAAAACUCCCUUCAAGGACAUCGUCGGG 3374 COCUCUU G UGGUGGA 13199 UCGCACCA GAGGGAAACUCCCUUCAAGGACAUCGUCGGG 3374 COCUCUU G UGGUGGA 13199 UCGCACCA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3366 CUGGAGGA 13209 CACCUCGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3366 CUGGAGGA 13201 ACCUCGCA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3367 UGGGGGA 13203 ACCUCGCA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3368 GUGGGCA UGCACCGG 13203 ACCUCGCA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3340 UGGGGCAC UGCACCGG UGCACCGG UGCACCCG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3341 CAGGCACAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3342 CAGGCACCAC GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG GAGGCACAC GAGGGAAAC	7622	3408	Ð	13193	1 1	35478
3395 ACCANICU G UNNUCAAC 13195 GUIDGAIDA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3381 AACUUCUG G GUCUCUGU 13196 ACCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3371 CGCUCUCU G UGGGGGA 13196 ACCAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 3371 UCUCUGUG G UGGGGGAA 13199 CACUCGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3366 CUBGGGGG 13201 ACCUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3356 CUBGGGGG 13201 ACCUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3356 UGCGAGGG 13201 ACCUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3356 UGCGAGGG UGCGCACC 13201 GCCACCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3356 UGCGAGGG UGCGCACC 13202 UGGGGGAAACUCCCCUUCAAGGACAUCGUCCGGG 3346 UCCACGGG UGCGCACC 13203 ACCUGCGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3346 UCCACGGG UGCGCACC 13202 ACCUGCGA GGAGGAAACUCCCCUUCAAGGACAUCGUCGGG 3356 CUCACCGG UGCGCACC GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG GGAGGAACCCC	7625	3405	Ð	13194		35479
3381 AACUTUCC G CUCUCUGU 13195 ACAGAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3374 CGEUCUCUG G UGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3374 UGCUGGGG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3368 CUGUGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3368 CUGUGGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3362 UGGGGGGG 13201 ACCUGGCA GGAGGAAACUCCCUUCAAGGACAUCGCCGGG 3352 UGGGGGGG 13201 ACCUGGCA GGAGGAAACUCCCUUCAAGGACAUCGCCGGG 3355 AGUGGGG UGCAGCGG GGAGGAAACUCCCUUCAAGGACAUCGCCGGG 3346 UCCAGGGG 13203 ACCGUGGA GGAGGAAACUCCCUUCAAGGACAUCGCCGGG 3346 UCCAGCGG 13203 ACCGUGGA GGAGGAAACUCCCUUCAAGGACAUCGCGGGG 3346 UCCACCGG UGCCGGCA GGAGGAAACUCCCUUCAAGGACAUCGCCGGG 3346 UCCACCGG UGCCGCGAA GGAGGAAACUCCCUUCAAGGACAUCGCGGG 3356 CGACCUCG GAGGGAAACUCCCUUCAAGGACAUCGCGGGG 3370 UGUCCCCG 13210 ACCGGGGA GAGGGAAACUCCCUUCAAGGACAUCGCCGGGGGGGGGGG	7635	3395	g	13195		35480
3374 CECUCULO D UBGUIGGUA 13197 CACCACCA GARGGAAACUCCUUCAAGGACAUCGUCCGGG 336 UUCUCUGUG D UGGACCA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG 336 CUUCUGUG D UGCACCA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG 336 CUUCUGUG D UGCACCA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG 335 UGGAGGAG 13200 ACCUGCCA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG 335 UGGAGGAG 13201 ACCUGCCA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG 334 UGCACAGG 13201 ACCUGCA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG 3346 UCCACGGAG 13204 UGCAGGACA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG 3346 UCCACGGAG 13204 UGCAGGACA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG 3347 UGUCCAGG CACUCAGG GARGGACACCCUUCAAGGACAUCGUCCGGG 3346 UCCACGGAG 13204 AGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 3347 UGUCCAGG UACCGGAC GAGGAGAACUCCCUUCAAGGACAUCGUCCGGG 3348 GAGAGACA 13204 AGGAGAACUCCCUUCAAGGACAUCGUCCGGG 3340 UCCCUGGG	7649	3381	Ð	13196		35481
1311 UCUCUGUO G UGGUGCGA 131199 UCGCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1316 UCUCUGUO G UGGUGAAACUCCCUUCAAGGACAUCGUCCGGG 1316 UCGCAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1316 UCGCAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1316 UGCGAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1316 UGCGAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1316 UGCGAGU G UGCCAGG 1320 ACCGUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1316 UGCGAGU G UGCCAGG 1320 ACCGUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1316 UGCGAGU G UGCCAGG 1320 ACCGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1316 UGCGAGU G UGCCAGG UGCGCAGC 1320 ACCGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1316 UGCGAGU G UGCCAGG UGCGCAGC 1320 AGGAGCAACUCCCUUCAAGGACAUCGUCCGGG 1316 UGCGAGU G UGCCAGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1320 AGGAGCACACCCCUUCAAGGACAUCGUCCGGG 1320 AGCCACAGA GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG 1320 AGCCACAGA GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG 1320 AGCCACAGA GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG 1321 AGCCAGGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1321 AGCCACAGA GAGGGAAACUCCCCUUCAAGGACACCCCUUCAAGGACACCCCCCCC	7656	3374	O	13197		35482
3368 CUGUGGUG G GGAGGAAACUCCCUUCAAGGACAUCGGCGGGGGGGGGG	7659	3371	D	13198		35483
33166 GUGGUGGU G CGAGUGGC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCAAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCAAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCAAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCAAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCAAC GAGGCAAC GAGGCAAC GAGGCAAC GAGGCAAC GAGGCAAC GAGGCAAC GAGGCAACCCUUCAAGGACAUCGUCCGGG GAGGCAACCCUUCAAGGACAUCGUCCGGG GAGGCAACCCUUCAAGGACAUCGUCCGGG GAGGCAACCCUUCAAGGACAUCGUCCGGG GAGGCAACCCUUCAAGGACAUCGUCCGGG GAGCCACC GAGCGCAAC GAGCGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCACC GACCCCUCAAGGAACUCCCUUCAAGGACAUCGUCCGGG GAGCCACC GACCCCUC GAGCGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCACC GACCCAC GACCCAC GAGCGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCACC GACCCAC GACCCAC GACCCAC GAGCGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCACCA GACCCACC GAGCGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCACCA GACCACCAC GACCCAC GAC	7662	3368	Ø	13199		35484
3352 UGGUGCGA 13201 ACCUGCCA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3359 UGCGARGUG 13203 UGGAGCCGG GAGGGCACCGGGG 3355 AGUGGCAG 13203 UGCGGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3346 UCCACGGG 13204 ACCGUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3346 UCCACGGG 13204 ACCGUGGAC GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG 3346 UCCACGGG 13204 GCCGGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3347 UCCACGGG UCCUCACC 13204 ACCGUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3356 CAGUGCCC 13207 AGUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3326 3376 UGCUCACG GAGAGCAAACUCCCUUCAAGGACAUCGUCGGG 3326 GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3376 CAGUGACC 13210 AGGAGACAACUCCCUUCAAGGACAUCGUCCGGG 3376 CUCCACGG GAGAGCAAACUCCCUUCAAGGACAUCGUCCGGG 3326 CCCCAGGAA 13211 GAUUCCGGG 3326 CCCAGGGA GCCCAGGG GAGAGCAAACUCCCUUCAAGGACAUCGUCCCGGG 3326 CCCCAGGGA <td>7664</td> <td>3366</td> <td>b</td> <td>13200</td> <td>1</td> <td>35485</td>	7664	3366	b	13200	1	35485
3359 UGCGAGUICO 13202 UGGACCUU GAGGGAAACUCCCUUCAAGGACAUCGUCGGGGGGGGGG	7668	3362	D	13201		35486
33155 AUUGGCAGG UCCACGGG 13203 ACCGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1691	3359	9	13202		35487
3348 GGUCCACG G UBUCCGCA 13204 UGCGGACA GGAGGAACUCCCUUCAAGGACAUCGGCGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAACUCCCUUCAAGGACAUCGUCGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAGCAACUCCCUUCAAGGACAUCGUCCGGG GGAGCAACUCCCUUCAAGGACAUCGUCCGGG GGAGCCGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCCGG GCACGAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCCGG GCACGAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCCGG GCCCGG GCCCGGG GCCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACCCUUCAAGGACAUCGUCCGGG GGACCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACCCUUCAAGGACAUCGUCCGGG GGACCCGGG GGACGAAACUCCCUUCAAGGACAUCGUCCGGG GGACCCGGG GGACGAAACUCCCUUCAAGGACAUCGUCCGGG GGACCCAUG GCCCGGG GCCCGGG GGACGAAACUCCCUUCAAGGACAUCGUCCGGG GGACCCAUG GCCCCGGG GGACGAAACCCCUUCAAGGACAUCGUCCGGG GGACCCGGG GGACGAAACCCCUUCAAGGACAUCGUCCGGG GGACCCAUG GCCCCGGG GGACGAAACCCCUUCAAGGACAUCGUCCGGG GGACCCGGG GGACCCCGGG GGACGAAACCCCUUCAAGGACAUCGUCCGGG GGACCCGGG GGACCAACG GGACCAACG GGACGAAACCCCUUCAAGGACAUCGUCCGGG GGACCCCGGG GGACCAACG GGACCAACG GGACCAACCCCCCCC	7675	3355	Ø	13203		35488
3346 UCCACGGU G UCCGCAGC 13205 GCUGCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3347 CGGUGUCC G CAGCUCUC 13206 GAGAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3328 CACUCAGG G UGCCCACA 13209 AGUGAGAAACUCCCUUCAAGGACAUCGUCCGGG 3320 GAGUGACC G UAGUCCU 13209 AGUGAGAAACUCCCUUCAAGGACAUCGUCCGGG 3320 GAGUAACC G UAGUCCU 13210 CCCAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3320 GUUCCUGG G CAGUAAUC 13211 GAGGAACUCCCUUCAAGGACAUCGUCCGGG 3320 GUUCCUGG G CAGUAAUC 13211 GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3320 GUUCCUGG G CAGUAAUC 13212 UUCGAAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3321 UAAUCGAA 13212 UUCGAUCCGUCCUCCAUCGAGGACAUCGUCCGGG GGAGCUCC 3221 UCAGCACA 13212 UUCGAUCCGUCCCUUCAAGGACAUCGUCCGGG GGAGCUCC 3221 UCCCAUGG CCCUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCUCC 3222 UCCCAUGG GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCUCC GCCUGGGU 3224 UCCCAUGG 13211 CCCUG	7682	3348	G	13204	1	35489
3342 COGUGUCC G CAGCUCUC 13206 GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3339 UGUCCGCA G CUCUCACU 13207 AGUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3326 CACUCAGG G UGUCCUGG 13209 UAGGACACACCCUUCAAGGACAUCGUCCGGG 3310 GGGCGUA G UAGUUCCU 13201 CCCAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3310 UACCUGG G CAGUAAUC 13211 GAUUACUG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3287 UAAUCCUG 13212 UACGAUAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3287 UAAUCCUG GCUUCGUC 13213 GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3280 UCUACCUG GCUUCGUC 13214 GACGAAGGACAUCCCUUCAAGGACAUCGUCCGGG 3281 UCUACCUG GCCUCGUU 13214 GACGAAACUCCCUUCAAGGACAUCGUCCGGG 3282 UCUACCUG GCCUCGUU 13215 CCAUGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3281 UCCCAUGG GCCUGGUU 13215 ACCACAAAA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3281 UCCCAUGG GCCUGGUU 13219 AACCAGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3281	7684	3346	Ø	13205	_	35490
3339 UGUCCGCA G CUCUCACU 13207 AGUGAGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GAUCCCGG G CUUCGGG G CAGUAAUC G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GAUCCCGG G CCUUCGG G CCUUCGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G CCUUCGG G CCUUCGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G CCUCGGG G CCUUCGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGCAAACUCCCUUCAAGGACAUCGUCCGGG G CCUCGUG G UCUCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G CCUCGUG G UCUCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGCAAACUCCCUUCAAGGACAUCGUCCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGAAACUCCCUUCAAGGACAUCGUCCGGG G GACGCAAACUCCCUUCAAGGACAUCGUCCGGG G GACGCAAACUCCCUUCAAGGACAUCCGUCCGGG G GACGCAAACCUCCUUCAAGGACAUCCGCGGG G GACGCAAACCUCCUUCAAGGACAUCCGUCCGGG G GACGCAAACCUCCCUUCAAGGACAUCCGUCCGGG G GACGCAAACCUCCCUUCAAGGACAUCCGCGGGGAAACUCCCUUCAAGGACAUCCGCGGGGGAAACUCCCUUCAAGGACAUCCGCGGGGAAACUCCCUUCAAGGACAUCCGCGGGAGAAACUCCCUUCAAGGACAUCCGGGGGAAACUCCCUUCAAGGACAUCCGCGGGGAAACUCCCUUCAAGGACAUCGGCCGGGGGAAACUCCCCUUCAAGGACAUCGGCGGGGAAACUCCCUUCAAGGACAUCGGCGGGGGAAACUCCCCCCCGGGGGGAAACUCGUCCGGGGAAACUCCCCCCCC	7688	3342	O	13206	i	35491
3326 CACUCAGG G UGACCGUA 13208 UACGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3320 GGGUGACC G UAGUUCCU 13209 AGGAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3317 UGACCGUA 13210 CCCAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3309 GUUCCUGG CAGUAAUC 13211 GAUUACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3309 GUUCCUGG CAGUAGUC 13212 UUCGAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3287 UCUACCCG CCUUCGUC 13214 GACGAAGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3286 CGGCCUG 13214 GACGAAGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3287 UCCCANGG CCUUGGU 13214 AACCAAGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3281 UCCCANGG CCUUGGU 13215 AACCAAGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3281 CUGGUUUU UUUUGUUU 13214 ACACAAAA GAGGGAAACUCCCUUCAAGGACAUCGUCCCGGG 3284 GGUUUUU UUCUCGUU 13215 ACACAAAGA GAGGGGAAACUCCCUUCAAGGACAUCGUCCCGGG 3281	1691	3339	Ð	13207		35492
3320 GGGUGACC G UNGUUCCU 13219 AGGAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3317 UGACCGUA G UUCCUGGG 13211 GAUUACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3309 GUUCCUGG G CAGUAAUC 13211 GAUUACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3287 UAAUCGAA G UCANUCGA 13212 UUCGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3287 UAAUCGAA G UCANUCGA 13213 GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3287 UCCCAUGG G CCUUGGUC 13214 GACCAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3261 GACCAUGG G CCCUGGUU 13215 CCAUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3261 GACCAUGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3261 GAGCCUUG G UUUUGUGU 13215 ACCACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3261 GAGCCUUG G UUUUGUGU 13216 ACCACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3264 GGUUUUUGU G UUCUUGU 13218 ACCACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3249 UGUGUCUU G UCCCGAU 13219 ACCACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3249 UGUGUCUU G UCCCGAU 13210 CUCCGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAG G UCUCGAU G UUUCGAU G UCCCGAU G UUUCGAG G UCUCGAG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 GCUCCGAU G UGGUCCCG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 GCUCCGUU G UCCCGCCA G UGGCGCG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 GCUCCGUG G UCUCGGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 GCUCCGUC G UGGCGCG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 GCUCGGUG G UCUCGGG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 GCUCGGC G UGGCGCG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 GCUCGGC G UGGCGCG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCGCCCC G GAGGGCCCCUCCACG GAGGGAAACUCCCUUCAAGGACAUCGCCCGGG GCCCGCCCCCCCCCCCCCCCCCCCCCCC	7704	3326	Ð	13208		35493
3317 UGACCGGG UUCCUGGG 13210 CCCAGGGA GGAGGAAACCCCUUCAAGGACAUCGUCCGGG 3309 GUUCCUGG G CAGUAAUC 13211 GAUUACUG GGAGGAAACCUCCCUUCAAGGACAUCGUCCGGG 3206 CCUGGGCA G UAAUCGA 13212 UUCGAUUA GGAGGAAACCUCCCUUCAAGGACAUCGUCCGGG 3287 UVAAUCGA 13213 GAGAUUGA GAGAUUGGG GGCCUCGGG 3267 UCUACCOG G CCUGGUU 13214 GAGGAGGAAACCUCCCUUCAAGGACAUCGUCCGGG 3267 UCUACUGG G CCUGGUU 13215 CCAUGGGA GGAGGAACCUCCCUUCAAGGACAUCGUCCGGG 3267 UCCCAUGG G CCUGGUU 13215 CCAUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3267 UCCCAUGG G CCUGGUU 13217 ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3268 UCCCAUGG G UUUUGUG 13219 ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3269 UCCCAUGG G UUUUGUG 13219 ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3276 UGGUUUU G UCUCCGAN 13219 ACACAAAA GGAGGGAACUCCCUUCAAGGACAUCGUCGCGGG	7710	3320	0	13209		35494
3309 GUUCCUGG G CAGUNAUC 13211 GAUUACUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG G ABOCCAG G UAAUCGAA 13212 UUCGAUUA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G ABOCCAUGGUCCGGG G CCUUCGUC G UCCCAUGG G CCUUCGUC 13214 GACGAAGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G CCUUCGUC G UCCCAUGG G CCUUCGUC 13214 GACGAAGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G CCUUCGUC G UCCCAUGG G CCUUCGUC 13215 CCAUGGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G CGCCUUG G UUUUGUGU 13216 AACCAAGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G CUUGGUUU G UGUUUUGU G UGUUUGUG 13218 ACAAAGACA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G G GUUUUUU G UGUUUUU G UGUUUUU G UGUUUUU G UGUCUUGU 13218 ACAAAGACA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG G G G G G G G G G G G G G G G	7713	3317	Ö	13210		35495
3306 CCUGGGCA G UAAUCGAA 13212 UUCGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3297 UAAUCGAA G UCAAUCUC 13213 GAGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3282 UCUACCCG G CCUUCGUC 13214 GACGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3276 CGGCCUUG G UCCCAUGG 13215 CCAUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3261 GGGCCUUG G UUUUGUGU 13217 ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3254 GGUUUUU G UUUCGUU 13218 ACAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3249 UGUUGUU 13219 GUACAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUUUUGU UCCCAAGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3242 UGUUGUU UCCCAAGG 13219 GUACAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUUCCCAAG 13220 CCUGGGUA GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAAG 13221 AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAAG 13221 AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 UUGUGAUU UCCCGAG 13223 CCAC	7721	3309	Ö	13211		35496
3297 UNANUCGAA G UCAAUCUC 13213 GAGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3282 UCUACCCO G CCUUCGUC 13214 GACGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3276 CGGCCUUC G UCCCAUGG 13215 CCAUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3267 UCCCAUGG G UUUGUGU 13217 ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3266 CUGGUUUU G UUUGUGU 13219 ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3254 GGUUUUGU 13219 ACAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3249 UGUGUUU UGUCCGAU 13220 CCUGGGUA 3241 GUACCCAGG 13221 ACCAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAGG 13220 CCUGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAG 13221 AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAG 13221 AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 UUGUGAUU 13221 AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3222 UUUGUGAU UGCCGAU 13223	7724	3306	Ö	13212		35497
3282 UCUACCOG G CCUUCGUC 13214 GACGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3276 CGGCCUUC G UCCCAUGG 13215 CCAUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3267 UCCCAUGG G CCCUGGU 13217 ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3261 GGGCCUG G UUUUGUG 13217 ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3254 GGUUUUG UGUCUUG 13219 ACAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3249 UGUGUUU UGUCCGAG 13220 CCUGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAG 13220 CCUGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAG 13221 ACCAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 CUCCGAU UGUGCGA 13221 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3225 UUGUGAUU UGUCCGAU 13221 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3226 UUGUGAUU UGCCGAU 13222 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3225 UUGUGAUU UGCGGAG 13224 CGGGACCA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG	7733	3297	O	13213		35498
3276 CGGCCUUC G UCCCAUGG 13215 CCAUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3267 UCCCAUGG G CCCUGGU 13216 AACCAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3261 GGGCCCUG G UUUUGUG 13217 ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3256 CUGGUUUU G UGUCUUGU 13218 ACAAGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3249 UGUGUCUU G UCCCAAG 13220 CCUGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAG 13221 AUCGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3231 CUCCGAUU UACCCAGG 13221 AUCGGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3225 UUGUGUU UACCCAGG 13221 AUCGGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3226 UUGUGAUU UACCCAGG 13221 ACCAGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3226 UUGUGAUU UGUCCGAU 13222 AGCAGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3226 UUGUGAUU UGCGGGG 13223 CCCCGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3226 UUGUGAUU UGCGGCC 13224 CGGG	7748	3282	Ð	13214		35499
3267 UCCCANGG G CCCUGGUV 13216 AACCAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCGGG 3261 GGGCCCUG G UUUUGUGU 13217 ACACAAAA GAAGGAAACUCCCUUCAAGGACAUCGUCGGG 3256 CUGGUUUU G UGUCUUGU 13218 ACAAGACA GAGGAAACUCCCUUCAAGGACAUCGUCGGG 3249 UGUGUCUU G UCUCCAAG 13220 CCUGGGUA GAGGAAACUCCCUUCAAGGACAUCGUCGGG 3241 GUACCCAG G UCUCCAAG 13221 AUCGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3231 CUCCGANU G UGACCAA 13221 AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3225 UUGUGAUU G UGAUUGCU 13222 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3226 UUGUGAUU UGAUUGCU 13222 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3226 UUGUGAUU UGAUCCCG 13224 CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3226 AUUGCUUC UGAUCCCG 13224 CGACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3227 AUUGCUUC UGAGGACCCG 13224 CGACGAAG GGAGGAAACCCCUUCAAGGACAUCGUCCGGGG 3217 GCUCCGGC 13225 UGGCGGGA	7754	3276	r D	13215		35500
3261 GGGCCCUG G UUUUGUGU 13217 ACACAAAA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG 3256 CUGGUUUU G UGUCUUGU 13218 ACAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3249 UGUGUCUU G UCUCCAG 13220 CCUGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAG G UCUCCAM 13221 AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3225 UUGUGUU G UGAUUGCU 13222 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3226 UUGUGAUU G UGAUUGCU 13222 AGCAGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3220 AUUGCUUC G UGAUCCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 AUUGCUUC G UGAUCCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 AUUGCUUC G UGAUCCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 GCUUCGUG UGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3221 GCUUCGUG UGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3222 AUUGCUUC UGGGACCCA 13224 CGGGACCA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG 3217 GCUCCGCCA 13225 UGGCGGGA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG 3208	7763	3267	Ð	13216	- 1	35501
3256 CUGGUUUU G UGUCUUGU 13218 ACAAGACA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG 3254 GGUUUUGU G UCUUGUAC 13219 GUACAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3249 UGUGUCUU G UACCCAGG 13220 CCUGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAG G UCUCCGAU 13221 AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3225 UUGUGAUU G UGAUUGCU 13222 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3220 AUUGCUUC G UGAUCCCG 13224 CGACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3217 GCUUCGUG G UGACCCCG 13224 CGACGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3217 GCUUCGUG G UCCCGCCC 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3218 UCCCGCCA G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3218 UCCCGCCA G UGAGGAAACUCCCUUCAAGGACAUCGGGGGGGGGG	7769	3261	D	13217		35502
3254 GGUUUUGU G UCUUGUAC 13219 GUACAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3249 UGUGUCUU G UACCCAGG 13220 CCUGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAG G UCUCCGAU 13221 AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3231 CUCCGAUU G UGAUUGCU 13222 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3226 UUGUGAUU G CUUCGUGG 13223 CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3220 AUUGCUUC G UGGUCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3217 GCUUCGUG UCCCGCCA 13224 CGGGACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3218 GUGGUCCG CACGUGG GAGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3218 GUGGUCCG CACGUGG GAGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3218 CCCGCGAAG GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3218 CCCGCGCGA GAGGACCA GAGGACCA 3218 CCCGCGAAG GAGGACCA GAGGACCCCUUCAAGGACAUCGUCCGGG	7774	3256	Ö	13218	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35503
3249 UGUGUCUU G UACCCAGG 13220 CCUGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3241 GUACCCAG G UCUCCGAU 13221 AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3231 CUCCGAUU G UGAUUGCU 13222 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3225 UUGUGAUU G CUUCGUGG 13223 CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3220 AUUGCUUC G UGGUCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3217 GCUUCGUG UCCCGCCA 13224 CGGGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3212 GUGGUCC CCAGUGG 13224 CAGGACCA CAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 3212 GUGGUCCG CCAGUGGG GAGGGAAACUCCCUUCAAGGACAUCGUCGGG CAGUCGGG 3212 GUGGGCGA GAGGGAAACUCCCUUCAAGGACAUCGUCGGG CAGUCGGG 3212 GUGGGCCA CAGUCACGA CAGUCACCA CAGUCACCA 3212 CCACGUCA CAGUCACCA CAGUCACCA CAGUCACCA	7776	3254	0	13219		35504
3241 GUACCCAG G UCUCCGAU 13221 AUCGGAGA G GAGGGAAACUCCCUUCAAGGACAUCGGGG 3231 CUCCGAUU G UGAUUGCU 13222 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3226 UUGUGAUU G CUUCGUGG 13223 CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3220 AUUGCUUC G UGGUCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3217 GCUUCGUG G UCCCGCCA 13224 UGGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3218 GUGGGCC G CCAGUGG 13225 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 3208 UCCCGCCA G UGUGACUG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG	7781	3249	O	13220		35505
3231 CUCCGAVU G UGAUUGCU 13222 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3225 UUGUGAUU G CUUCGUGG 13223 CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3220 AUUGCUUC G UGGUCCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3217 GCUUCGUG G UCCCGCCA 13225 UGGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3212 GUGGUCCC G CCAGUGUG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3208 UCCCGCCA G UGUGACUG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 13208 UCCCGCCA G UGUGACUG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	7789	3241	O	13221		35506
3225 UUGUGAUU G CUUCGUGG 13223 CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3220 AUUGCUUC G UGGUCCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3217 GCUUCGUG G UCCCGCCA 13225 UGGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3212 GUGGUCCC G CCAGUGG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3208 UCCCGCCA G UGUGACUG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3208 UCCCGCCA G UGUGACUG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	7799	3231	Ð	13222	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35507
3220 AUUGCUUC G UGGUCCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3217 GCUUCGUG G UCCCGCCA 13225 UGGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3212 GUGGUCCC G CCAGUGG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3208 UCCCGCCA G UGUGACUG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	7805	3225	Ð	13223		35508
3217 GCUUCGUG G UCCCGCCA 13225 UGGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3212 GUGGUCCC G CCAGUGUG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3208 UCCCGCCA G UGUGACUG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	7810	3220	Ö	13224		35509
3212 GUGGUCCC G CCAGUGUG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 3208 UCCCGCCA G UGUGACUG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	7813	3217	ø	13225		35510
3208 UCCCGCCA G UGUGACUG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	7818	3212	٥	13226		35511
	7822	3208	ט	13227		35512

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7824	3206	ссессяей в наменеей	13228	ACCAGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGCGG	35513
7831	3199	UGUGACUG G UAUUAUCA	13229		35514
7841	3189	AUJAUCAA G UCACUCUC	13230	GAGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUAAU	35515
7862	3168	AUUCCAUC G CCCCACAA	13231	UNGUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGGAAU	35516
7872	3158	CCCACAAG G UAUGCGUC	13232	GACGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGUGGG	35517
7876	3154	CAAGGUAU G CGUCUCAG	13233	CUGAGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACCUUG	35518
7878	3152	AGGUAUGC G UCUCAGGC	13234	GCCUGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAUACCU	35519
7885	3145	CGUCUCAG G CCACGUAC	13235	GUACGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGACG	35520
7890	3140	CAGGCCAC G UACAUGAU	13236		35521
7917	3113	CCAGAACU G CCCUUUCA	13237	UGAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUCUGG	35522
7927	3103	ccouncaa e couccace	13238	CGUGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAAGG	35523
7935	3095	GCUUCCAC G UAUCAUUG	13239	CAAUGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGAAGC	35524
7945	3085	AUCAUUGA G CCUGCUUU	13240		35525
7949	3081	UUGAGCCU G CUUUCAAU	13241	AUUGAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCUCAA	35526
7970	3060	UAGGACAG G UCACUGUG	13242	CACAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUCCUA	35527
7976	3054	AGGUCACU G UGGAUCGC	13243	GCGAUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGACCU	35528
7983	3047	UGUGGAUC G CCAAGUUG	13244	CAACUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCCACA	35529
7988	3042	AUCGCCAA G UUGUUCUU	13245	AAGAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGCGAU	35530
7991	3039	GCCAAGUU G UUCUUGAC	13246	GUCAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUUGGC	35531
8001	3029	UCUUGACA G CCGUUCCA	13247		35532
8004	3026	UGACAGCC G UUCCAAUG	13248	CAUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUGUCA	35533
8021	3009	AUCUUCGA G UCACAUUC	13249	GAAUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAAGAU	35534
8031	2999	CACAUUCA G UUGUGUUG	13250	- 1	35535
8034	2996	AUUCAGUU G UGUUGCUC	13251		35536
8036	2994	ucaguugu a uugcucuc	13252	. 1	35537
8039	2991	ഭവാദാവാ ഭ വാധാവാ	13253	AGAGAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACAAC	35538
8067	2963	ACAUCCGA G UGCUGGUG	13254		35539
6908	2961		13255	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35540
8073	2957		13256	- 1	35541
8105	2925	ACUUCUAA G CUAUUCCA	13257	- 1	35542
8115	2915	UAUUCCAA G CGCGAUUC	13258	- 1	35543
8117	2913	Ð	13259		35544
8127	2903	алистал в исвался	13260	AUGUCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGAAUC	35545
8142	2888	AUUCCUUG G UCUCCGGA	13261	UCCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGGAAU	35546
8166	2864	ccacaaag g uguuguug	13262		35547
8778	2982	O	13263		35548
8171	2859	AAGGUGUU G UUGGCGAG	13264	CUCGCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACCUU	35549
8175	2855	വാഥായാ ഉ വാവാഥവ	13265	AGAACUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACAACA	35550
8179	2851	Ð	13266		35551
8185	2845	GAGUUCUG G UGCAAAUA	13267	UAUTUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAACUC	35552

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8187	2843	30 30	13268	- 1	- 1	ACCAGAAC	35553
8211	2819	ט	13269	CUGGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	- 1	CUGGGGAA	35554
8219	2811	GCCUUCCA G CCAAUUUC	13270	GAAAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1	UGGAAGGC	35555
8238	2792	AUTUTUCC G UGGUGGCG	13271	CGCCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GGAAAAU	35556
8241	2789	unoccene e neeceene	13272	CACCGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CACGGAAA	35557
8244	2786	ccaugang a caguaras	13273	CCUCACCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		CACCACGG	35558
8247	2783	ugaugaca a ugagacau	13274	ACGCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CGCCACCA	35559
8252	2778	GCGGUGAG G CGUUUAGG	13275	CCUAAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CUCACCGC	35560
8254	2776	GOUGAGGC G UUUAGGUG	13276	CACCUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GCCUCACC	35561
8260	2770	GCGUUUAG G UGCUGACU	13277	AGUCAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CUAAACGC.	35562
8262	2768	GUUVAGGU G CUGACUUG	13278	CAAGUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		ACCUAAAC	35563
8270	2760	GCUGACUU G UACAUUCC	13279	GGAAUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AAGUCAGC	35564
8284	2746	UCCCUCCU @ UUUCUCAA	13280	UUGAGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AGGAGGGA	35565
8306	2724	ACACUAAG G UCCACACC	13281	GGUGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		convagueu	35566
8331	2699	UCAAAAGA G UGUUCAGC	13282	GCUGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		UCUUUUGA	35567
8333	2697	AAAAGAGU G UUCAGCUC	13283	GAGCUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		ACUCUUUU	35568
8338	2692	AGUGUUCA G CUCGUCCU	13284	AGGACGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		UGAACACU	35569
8342	2688	UUCAGCUC G UCCUUCAC	13285	GUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GAGCUGAA	35570
8352	2678	CCUUCACU G CUUCCCAC	13286	GUGGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AGUGAAGG	35571
8368	2662	CAUUUGAU G CUCCAGUC	13287	GACUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1	AUCAAAUG	35572
8374	2656	AUGCUCCA G UCUGGAAA	13288	UUUCCAGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		UGGAGCAU	35573
8389	2641	ტ	13289	GCGGUCUA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		GAUCAGUU	35574
8396	2634	ອ ວ	13290	GGAGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GGUCUACG	35575
8415	2615	ß	13291	UCAGAAAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		UCAUAAGG	35576
8433	2597	UGAUCUUG G CUAGGCCU	13292	AGGCCUAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		CAAGAUCA	35577
8438	2592	UNGGCUAG G CCUUGUGG	13293	CCACAAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		CUAGCCAA	35578
8443	2587	UAGGCCUU G UGGCGUUU	13294	AAACGCCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AAGGCCUA	35579
8446	2584	accunada a cauducaa	13295	CUGAAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CACAAGGC	35580
8448	2582	cultaleec e utucaege	13296	CCCUGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GCCACAAG	35581
8456	2574	ບ	13297	AAGUAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CCUGAAAC	35582
8465	2565	Ð	13298	GACCGGUA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AAGUAUUA	35583
8471	2559	O	13299	UGGAUGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		CGGUACAA	35584
8481	2549	CCAUCCAA G CCUCCACA	13300	UGUGGAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		UUGGAUGG	35585
8495	2535	b	13301	UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1 1	AAUGAUGU	35586
8497	2533	AUCAUUGU G UAUGAACA	13302	UGUUCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		ACAAUGAU	35587
8524	2506	ACAUCUCA G CUCUUGCC	13303	GGCAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGO		UGAGAUGU	35588
8530	2500	CAGCUCUU G CCGGCUGA	13304	UCAGCCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AAGAGCUG	35589
8534	2496	ပ ၅	13305	GACAUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1 1	CGGCAAGA	35590
8540	2490	δ W	13306	GCCAUAGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AUCAGCCG	35591
8547	2483	UGUCUAUG G CACACCCA	13307	UGGGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	- 1	CAUAGACA	35592

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8556	2474	CACACCCA G UGUCAGCG	13308	CGCUGACA GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUGUG	35593
8528	2472	CACCCAGU G UCAGCGUG	13309	CACGCUGA GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGGUG	35594
8562	2468	უ	13310	ceuecace egaggaaacuccuuc		35595
8564	2466	GUGUCAGC G UGCACGUU	13311	AACGUGCA GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGACAC	35596
8566	2464	gucaeceu e caceuuca	13312	UGAACGUG GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCUGAC	35597
8570	2460	GCGUGCAC G UUCACGGA	13313	UCCGUGAA GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCACGC	35598
8587	2443	GAGGAAGA G CAGAACUC	13314	GAGUUCUG GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUCCUC	35599
8604	2426	CUCCAACU G CGAGAAAC	13315	GUUUCUCG GGAGGAAACUCCCUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAG	35600
8613	2417	CGAGAAAC G UGAGAGCU	13316	AGCUCUCA GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUUCUCG	35601
8619	2411	ACGUGAGA G CUAUGGAC	13317	GUCCAUAG GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCACGU	35602
8637	2393	UAUCACGA G CAUUGAUG	13318	CAUCAAUG GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUGAUA	35603
8645	2385	GCAUUGAU G CCCAUCCA	13319	UGGAUGGG GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAAUGC	35604
8664	2366	ACAGGAGA G CCCCCAGC	13320	GCUGGGGG GGAGGAAACUCCCUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCCUGU	35605
8671	2359	AGCCCCCA G CAAUCCUU	13321	AAGGAUUG GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGGCU	35606
8680	2350	CAAUCCUU G CGUUAUCC	13322	GGAUAACG GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAUUG	35607
8682	2348	AUCCUUGC G UNAUCCAG	13323	CUGGAUAA GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAGGAU	35608
8696	2334	CAGGACAU G CCUCCGAA	13324	UNCEGAGE GEAGGAAACUCCCUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUCCUG	35609
8707	2323	UCCGAACA G UGAGCGGA	13325	UCCGCUCA GGAGGAAACUCCCUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUCGGA	35610
8711	2319	AACAGUGA G CGGAAUGC	13326	GCAUUCCG GGAGGAAACUCCCUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACUGUU	35611
8718	2312	AGCGGAAU G CUCCUCCG	13327		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCGCU	35612
8742	2288	GAUGGACA G CCUUCCCA	13328	UGGGAAGG GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCCAUC	35613
8757	2273		13329	GGUGUUCA GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAGUUG	35614
8783	2247	Ø	13330	GCUUGGGA GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAUC	35615
8790	2240	AGUCCCAA G CUGUGUCU	13331	AGACACAG GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGACU	35616
8793	2237	ប	13332		1	35617
8795	2235	CAAGCUGU G UCUCCUAG	13333	CUAGGAGA GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGCUUG	35618
8805	2225	O	13334	ACUAGCCG GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAGGAG	35619
8808	2222	O	13335	GAGACUAG GGAGGAAACUCCCUU(35620
8812	2218	UA G	13336	CGCAGAGA GGAGGAAACUCCCUU(35621
8818	2212	O	13337	AAGGAGCG GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACUA	35622
8820	2210	ancincinec o coccumie	13338	CAAAGGAG GGAGGAAACUCCCUU		35623
8832	2198	ອ	13339	UACAACCA GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUCAAAG	35624
8835	2195	UGAGGGUG G UUGUAAAG	13340	CUUDACAA GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCCUCA	35625
8838	2132	GGGUGGUU G UAAAGGCU	13341	AGCCUUUA GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCACCC	35626
8844	2186	AG G	13342	UGGCAAAG GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUACAA	35627
8849	2181	Ø	13343	AGCAUUGG GGAGGAAACUCCCUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGCCUU	35628
8855	2175	O	13344	GGAAGCAG GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAA	35629
8828	2172	פ	13345	UCUGGAAG GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUUGG	35630
8870	2160	O	13346	CAUUGGCA GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUCUGG	35631
8872	2158	AGACUUGU G CCAAUGGU	13347	ACCAUUGG GGAGGAAACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGUCU	35632

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UCGUCCGGG CAUUGGCA 35633	AGAUCAAU 3	UCGUCCGGG AACAGAUC 35635	AGAGGAGA	UCGUCCGGG AUAGUGGU 35637	UCAUACAU	UCGUCCGGG CCUUUGGA 35639	UCGUCCGGG CACCCUUU 35640	UCGUCCGGG UAAGGUCC 35641	UCGUCCGGG GCUAAGGU 35642	UCGUCCGGG CAACGCUA 35643	GGCCAACG	UCGUCCGGG CACGGCCA 35645	ccuuuugu 3	AUCGUCCGGG UGUCAACC 35647	AGAUUGGU	NUCGUCCGGG CAGUGGGC 35649	GCCAGUGG	CUAACGCC	UCGUCCGGG GACCUAAC 35652	UUCAUUGA	AAAGUUCC	AUCGUCCGGG CUUGCAAA 35655	NUCGUCCGGG GGAUGGAC 35656	NUCGUCCGGG ACGGAUGG 35657	UGGCACGG	ACUGGCAC	AGUACACU	ueneenen	ACUGUGGU		AGGUCACG	ACAGGUCA	AGACACAG	UCCCGCAG	UUUCAAGU	GUCUGUUC	AUCGUCCGGG CUAUGGCG 35670	1
AUCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	t	GAGGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GUGGUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GACTICAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UUUGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UGGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	AAUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGCCAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1			UUCAGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ACUGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	AUUGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCAGUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ACCUAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CGACCUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UUGAACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UCAUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GUCAGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGACCUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CGGAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CACUGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GCAGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UUGCAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UGGAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UCACGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGUCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ACAGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCACUGU	CGCAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GACUCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UCUUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UUCAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ACCUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGGAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	
13348	13349	13350	13351	13352	13353	13354	13355	13356	13357	13358	13359	13360	13361	13362	13363	13364	13365	13366	13367	13368	13369	13370	13371	13372	13373	13374	13375	13376	13377	13378	13379	13380	13381	13382	13383	13384	13385	
UGCCAAUG G UGAUUGAU	AUUGAUCU G UUGUUCUC	GAUCUGUU G UUCUCCUC	ucuccucu a cccaccac	ACCACUAU G UAUGAGUC	AUGUAUGA G UCUCCAAA	UCCAAAGG G UGGUUCCA	AAAGGGUG G UUCCAAUU	GOACCUUA G CGUUGGCC	ט	UAGCGUUG G CCGUGGCC	CGUUGGCC G UGGCCACU	UGGCCGUG G CCACUGAA	ACARAGG G UUGACAGU	GGUUGACA G UGACCAAU	ACCAAUCU G CCCACUGG	GCCCACUG G CGUUAGGU	O	GGCGUUAG G UCGUUCAA	GUUAGGUC G UUCAAUGA	UCAAUGAA G CCACUGAC	GGAACUUU G CAAGGUCC	UUUGCAAG G UCCAUCCG	GUCCAUCC G UGCCAGUG	ccaucceu e ccaeueua	cceuecca e ueuacuec	GUGCCAGU G VACUGCAA	AGUGUACU G CAAUUCCA	ACACCACA G UGCCGUGA	ACCACAGU G CCGUGACC	ACAGUGCC G UGACCUGU	COUGACCU G UGUCUGCO	UGACCUGU G UCUGCGGG	o l	CUGCGGGA G UCCCAAGA	ACUUGAAA G CCUUUGAA	GAACAGAC G CCAUAGGU	COCCAVAG G UNGUUCCC	
2151	2140	2137	2127	2115	2109	2098	2095	2072	2070	2066	2063	2060	2043	2036	2025	2017	2015	2010	2007	1997	1974	1969	1961	1959	1955	1953	1948	1931	1929	1926	1919	1917	1913	1907	1889	1875	1868	1
8879	8890	8893	8903	8915	8921	8932	8935	8958	8960	8964	8967	8970	8987	8994	9005	9013	9015	9020	9023	9033	9026	1906	6906	9071	9075	9077	9082	6606	1016	9104	9111	9113	9117	9123	9141	9155	9162	

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2221 1779 ACUIDACAR O LIBURACHO I 13319 PARCIDACIA GRAGABA/CUCCCUUCAARGARALUCGUCCGGG LUCUCAGG ACUGUCAAGGA ACUGUCAAGGA COLUCAAGGA ACUGUCAAGGA COLUCAAGGA ACUGUCAAGGA COLUCAAGGA ACUGUCAAGGA COLUCAAGGA ACUGUCAAGGA COLUCAAGGA ACUGUCAGGA ACUGUCAGGA ACUGUCAGGA ACUGUCAGGA ACUGUCAGGA ACUGUCAGGA ACUGUCAGGA ACUGUCAGGA ACUCCAGGA ACUGUCAGGA ACUCCAGGA ACUGUCAGGA ACUCCAGGA ACUGUCAGGA ACUCCAGGA ACUCCAGGA ACUGUCAGGA ACUCCAGGA	9219	1811	GACCCGAC G UCAACUUG	13388	CAAGUUGA GGAGGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCGGGUC	35673
1797 UUGRACARO Q DUGCUUGA 13390 UUCAAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1774 ACABORGU G CUGAAACC 13392 GGCUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1776 CAGGAMIG G CUCCAACC 13393 AGCUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1776 CAGGAGAA CUCCACC 13393 AGCUUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1776 CAGGAGAA CUCCACC 13394 GCAUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1778 AGCUCAAA CACACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1778 AGCUCCAA CUCCACCAG GAGGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1778 ACCCCCAA 13399 UGUGAAACUCCCUUCAAGGACAUCGUCGGG GAGCUCGGG 1770 ACCCCCAA GAGCACCAC GAGGAGAAACUCCCUUCAAGGACAUCGUCGGG 1770 ACCCCCAA ACACCACAC GAGGAGAAACUCCCUUCAAGGACAUCGUCGGG 1770 ACCCCCAA ACACCACAC GAGGAGAAACUCCCUUCAAGGACAUCGUCGGG 1780 ACCCCAAA ACACCACAC GAGGAGAAACUCCCUUCAAGGACAUCGAGGACAACUCCCUUCAAGGACAACUCCCUUCAAGGACAACUCCCUUCAAGGACAACUCCACGGG 1780 ACCCCACAA </td <td>9231</td> <td>1799</td> <td></td> <td>13389</td> <td></td> <td></td> <td>J 35674</td>	9231	1799		13389			J 35674
1794 Accustable CURGABAN 13391 UDUDUCAMA GRAGGABAACUCCCUUCAAGGACAUCGUCCGGG 1760 CAGGABANG G CUCUGAGG GGAGUGABA GGAGGABAACUCCCUUCAAGGACAUCGUCCGGG 1760 CAGCCAAA G CUCUGAG GAGACUCGG 13393 AGCUUCAG 1760 CAGCCCAAA G CUCUCGG 13394 GACUUCAG GAGACCCCGCCCCUUCAAGGACAUCGUCCGGG 1773 AGCCCCAAA G CAGAGGAA GAGACCCCGCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	9233	1797	ס	13390			4 35675
1772 CAGGARANO G CUCCAGC 13392 GECUIGRAD G GRAGGAAACUCCCUUCAAGGACAUCGUCGGG 1766 UGGCUCCA G CCDAAGCU 13393 AGCUUCAG GAGGAAACUCCCUUCAAGGACAUCGUCGGG 1766 UGGCUCCA G CCDAAGCU 13394 AGCUUCAG GAGCACAACCCUUCAAGGACAUCGUCCGGG 1760 AGCUCCAAA CUCCCUCU 13395 GAGCUCUG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1734 AUCCUCUU 13396 GAGUAGGAA GAGUCCCUUCAAGGACAUCGUCCGGG 1734 UCUUGUA GCANUGGG GAGGAAACUCCCCUUCAAGGACAUCGUCGGG 1734 UCUUGUA GCACAAG GAGGAAACUCCCCUUCAAGGACAUCGUCGGG 1734 UCUUGUA GCACAGGG GAGGGAAACUCCCUUCAAGGACAUCGUCGGGG 1734 UCUUCUGG UGGGGCA GAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1706 ACUCCUCU 13401 ACCACACA GAGGGAAACUCCCUUCAAGGACAUCGUCGGGG 1706 ACUCGAG GAGGGAAACUCCCUUCAAGGACAUCGUCGGGG 1700 ACUCGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	9236	1794	ß	13391			J 35676
1766 UGGCUCCA G CCRAAGCU 13394 AGCUTUDGO GRAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1760 CAGCCUCIA G GAGGGAAACUCCCCUUCAAGGACAUCGUCCGGG 1751 AGCUGAA G CUCCCUC 13394 GAGCUCIA G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1748 AGCUCUGA G GAGGCAA 13395 AGAGGCGG GAGGCCGG 1738 VOCUCUCUT G UAGCCCA 13397 GAGCUCIA G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1739 VCCUCUUT G UAGCCCA 13399 GAGCUCGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1734 AGCCCANU GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG 1700 AGCCCANU GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGGG 1704 AGCCACANU GCANUGGG GAGGGAAAACUCCCUUCAAGGACAUCGUCGGGG 1700 AGCACACAG GAGGGAAAACUCCCUUCAAGGACAUCGUCGGGG 1706 ACCUCCUC 13401 ACCACACAG GAGGGAAAACUCCCUUCAAGGACAUCGUCGGGG 1700 ACCUCCUC 13401 ACCACACAG GAGGGAAAACUCCCUUCAAGGACAUCGUCGGGG 1700 ACCACACAG GAGGGAAAACUCCCCUUCAAGGACAUCGUCGGG 1700 ACCACACAG GAGGGAAAACUCCCCUUCAAGGACAUCGUCGGG 1700 ACCACACAG GAGGGAAAACUCCCCUUCAAGGACAUCGUCGGG 1700 ACCACACAG	9258	1772	Ø	13392			3 35677
1760	9264	1766	υ	13393			4 3567B
1753 AGCUUGAU G CAGAGCUC 13395 GAGCUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1738 CAGCUCCU 13397 AGGCUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1738 UCCUCCUU G UGAGCCCA 13397 GAGGCGAAACUCCCUUCAAGGACAUCGUCCGGG 1734 UCUUGUGA G CCCAAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1734 UCUCGACAU G CUCCAAUG 13401 ACACGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1774 ACCCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1774 ACCCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1774 ACCCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1776 ACGCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1776 ACGCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1776 ACGCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1776 ACGCGCC GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG 1776 ACGCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1776 ACGCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1776 ACGCCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1777 ACCCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1777 ACCACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1777 ACCACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1778 ACGCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1778 ACGCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1778 ACGCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1778 ACCACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1778 ACGCUCAC GGAGGAAACUCCCUUCAAGAC GCAGGACAAC GGAGGAAACCCCCUUCAACA GGAGGAAACCCCCUUCAAGGACACACCCCGGG 1778 ACGCUCAC GGAGGAAACCCCCUUCAACA GGAGGAAACC	9270	1760	Ð	13394			35679
1748 GAUCICADA G CUCCUCUC 13395 AGAGGGAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1734 UCCCUCUU G UGAGCCCA 13396 GCAUUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1734 UCCUUCUA G CUACAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1734 UCCUUCUA G CUACAGCG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1704 ACCUCCUUC G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1705 ACUCCUUC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1705 ACUCCUUC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1706 ACUCCUUC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1706 ACUCCUUC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1706 ACUCCUUC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1706 ACUCCUUC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1707 ACUCCUUC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1707 ACUCCUCC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1707 ACUCCUCC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1707 ACUCCUCC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GCACUCCUC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GCACUCCUC G UCCCUCC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GCACUCCUC G UCCCCUCC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 CCACUCAC G UCCCUCC G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 UCCACACA G UCCUCCA G UCCACAGG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 UCCACACA G UCCUCCA G UCCACAGG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1670 UCCACACA G UCCACAG G U	9277	1753	ט	13395			J 35680
1738 UUCCUUCUU G UBAGCCCA 13397 UGGGCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1734 UCUUUGUAG GCAGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1714 AGCCCAMU G CUMUCACG 13400 CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1714 CACAGAC G UGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1704 ACCCCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1706 GCUUCGUG G UGGGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1706 GCUUCGUG G UGGGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1706 GCUUCGUG G UGGGUG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1704 UUCCGUGC G UGGGUG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1704 UUCCGUGC G UGUCGUC G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1704 UUCCGUGC G UGUCGUC G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1704 UUCCGUCC G UGUCGUC G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1579 GGCGUGUG G UCUCCUCA 13406 UGGAGAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GGCGUGUG G UCUCCUCA 13406 UGGAGAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GGCGUGUG G UCUCCUCA 13407 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GCCAUCAAC G UCUCCUCA 13407 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1670 GCCACCACA G UCUCCUCA 13407 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1670 GCCACCACA G UCUCCUCA 13407 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1670 GCCACACAC G CACGAGAAACUCCCUUCAAGGACAUCGUCCGGG 1670 GCCACACAC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCAC G UCUCCAC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCCCUUCAACC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCCUUCAACC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCACC G UCUCCCUUCAACC G UCUCCACC G UCUCCCCUUCAACC G UCUCCACC G UCUCCCCUUCAACC G UCUCCACC G UCUCCACC G UCUCCCCUUCAACC G UCUCCCCUUCAACC G UCUCCCCUUCAACC G UCUCCCCCUCCACCG G GAAGGAAACUCCCCUUCAACC G UCUCCCCCCCCCC	9282	1748	3A G	13396			35681
1734 UCUUGUUA G CICLANUGC 13399 GGAUUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1727 ACCCCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1714 CACAGAU G CUNCUGUG 13401 ACACGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1704 ACUCCUUC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1706 GCUUCGUU G UGGCGUUC 13402 ACACCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1706 GCUUCGUU G UGGCGUUC 13403 ACACCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1706 GCUUCGUU G UGGCGUUC 13403 GAACCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1506 GCUUCGUU G UGCGUCC 13405 GAACCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GCUUCCUC 13406 UCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GCUUCCUC UTGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GCUUCCUC UTGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GCUCCUC UTGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GCUCCUC GUCCUCCA GUCCACA GUCCUCCA GUCCUCCA GUCCUCCA GUCCUCCA GUCCUCCA GUCCCUUCAAGGACAUCGUCCCGGG 1679 GCCCACACA GUCCUCCA GUCCCUUCAAGGACAUCGUCCCGGG 1678 GCCCCACACA GUCCUCCA GUCCCCUCCAGGACACCCCCUUCAAGGACAUCGUCCCGGG 1595 ACGUCUC GUCCACACA GUCCCCUCCAGGACACCCCUUCAAGGACAUCGUCCCGGG 1595 ACGUCUC GUCCUCCA GUCCUCCA GUCCUCCA GUCCCCUCCAGGACACCCCUUCAAGGACAUCGUCCGGG 1595 ACGUCUC GUCCACACA GUCCCCCUCCAGGACACCCCUUCAAGGACAUCGUCCCGGG 1595 ACGUCUC GUCCACACA GUAGGAAACUCCCCUUCAAGGACAUCGUCCGGG 1595 AUCCACACA GUCCACACA GUAGGAAACUCCCCUUCAAGGACAUCGUCCCGGG 1595 AUCCACACA GUACACACA GUCCACACA GUACACACA GUACACACA GUACACACA GUACACACA GUACACACA GUA	9292	1738	o	13397	ĭ		35682
1727 AGCCCAM G CUMCACA 13399 UGUGANAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 1714 CACCACAM G CUNCGUGG 13400 CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1709 ACUGCAUC G UGGCGUGU 13401 ACACGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1702 ACUGCUUC G UGGCGUGU 13402 ACACGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1702 CGUGGGG G UGGUCCUU 13403 ACACACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1702 CGUGGGG G UGGUCCUU 13403 GAACCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 15702 CGUGGGG G UGGUCCUU 13404 AGGAGGAA GUACCCUUCAAGGACAUCGUCCGGG 1679 CCAUUCAC G UCCUUCA 13405 UGGAGGAA GUACCCUUCAAGGACAUCGUCCGGG 1679 CCAUUCAC G UCCUUCA 13405 UGGAGGAA GUACCCUUCAAGGACAUCGUCCGGG 1671 GUCCUCCA G UCCUUCA 13407 UGGAGGAA GUACCCUUCAAGGACAUCGUCCGGG 1670 UACUCCC G CACCACG G UCCAUGA 13405 UGGAGGAA ACUCCCUUCAAGGACAUCGUCCGGG 1670 UACUCCC G CACCACG G UCCAUGA 13407 UGGAGGAA ACUCCCUUCAAGGACAUCGUCCGGG 1670 UACUCCC G CACCACG G UCCAUGAA G UCCAUCAA G UCC	9536	1734	Ф	13398	1		4 35683
1714 CANCARACU G CUUCGUGG 13400 CCACGAAG GGAGGAAACUCCAUCAAGGACAUCGUCGGGG 1709 ACUGCUCG G UGGCGUG 13401 ACACCACAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1704 UUCGUCGG G GCUUCGUG G GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1704 UUCGGGG G GGUUCGUG G GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1705 UUCGUCGG G GGUUCGUG 13404 AGGACCACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1659 GGCGUUCGG UUCCUCCA 13408 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1670 GUCUCCCA 13408 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCUCCCA 13408 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCUCCACA UGGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1672 GUCCACCA UGGAGAAACUCCCUUCAAGGACAUCGUCGGG 1673 UCCACACAC UGGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1674 UCCACACA UGGAGAAACUCCCUUCAAGGACAUCGUCGGG 1675 UCCACACA GACCAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1674 AGGAGAAACUCCCUUCAAGGACAUCGUCGGG GCCUCAGGG UCCACAGACA UUCACAGGG <tr< td=""><td>9303</td><td>1727</td><td>Ð</td><td>13399</td><td>_</td><td>1</td><td>J 35684</td></tr<>	9303	1727	Ð	13399	_	1	J 35684
1709 ACUGCUUC G UGGCGUGGU 13401 ACACGCCA GGAGGAAACUCCCUUCAAGGACAUCGGCGGG	9316	1714	Ö	13400	1		3 35685
1706 GCUUCGUO G CGUGUGGU 13402 ACCACACG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 17004 UUCGUGGC G UGUGGUUC 13403 GAACCACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1659 GGCGGGGG G UGUGGUCC 13404 AGGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1659 GGCGUGGG G UGCGUCCA 13405 UUGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1679 CCAUUAAC G UCCUCCAC 13408 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCCUCCA G UCCUCCA 13408 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCCUCCA G UCCUCCA 13408 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCCUCCA G UCCUCCA 13409 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1644 CCAACGAC G UCCUCAAC G UAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1649 UACUUCCA G UCCUCAAC G UAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1649 UACUUCCA G UCCUAGG G UUCCAACA G UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1650 UACUCAACA G UCCUUGGA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1650 UACUCAACA G UCCUUGGA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1650 UACUCAACA G UCCUAGA 13413 UACUUCGA G UCCUCAAC G UCCUAGA G UCUUGGA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA G UCCUAGA G UCUCAACA G UCUCCAACA G UCUCCACA G UCUCCACC G UGUCCACC G UGUUCACA G UCUCCACC G UGUUCACA G UCUCCACC G UGUCCACC G UGCCCACC G UCUCCACC G UGCCCACC G UGCCCACC G UCUCCC	9321	1709	JC G	13401	1 :	ı	35686
1704 UNCGUGGG G UGUGGUUCC 13404 AGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 1702 CGUGGCGG G UGCUCCAA 13404 AGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 GGCGUGUG G UUCCUCCA 13405 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCUCCUC G UUCCUCCA 13405 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCUCCUC G UUCCUCCA 13405 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCCACA G UCCUCCA 13405 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1679 UCCACACA G UCCUCCA 13405 UGGAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1670 UCCACACA G UCCUCCA 13410 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCCACAC G CUCCAAGA 13411 GACCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1670 UCCACACA G UCCAUGAA 13413 AACAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UCCAAGAA G UCCUUGAA 13413 AACAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 ACGUCUU G UUCCAACA 13414 UGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 ACGUCUU G UUCCAACA 13414 UGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 ACGUCUU G UUCCAACA 13415 AACAAAGA AGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 ACGUCUU G UUCCAACA 13414 UGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 AUCACGUN G UAUCCAC 13415 GCAUACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 AUCACGUN G UAUCCAC 13415 GCAUACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 AUCACGUN G UAUCCAC 13416 GCAUACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 AUCACGUN G UAUCCAC 13419 GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 AUCACGUN G UAUCCAC 13410 GAGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 AUCACGUN G UAUCCAC 13410 GAGGAUAACUCCCUUCAAGGACAUCGUCCGGG 1580 GCUUAGAU G UCCACAU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 159 AUCACGUN G UGACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1510 GCUUCAA G UCCACAU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1510 GACCUCC G UGGUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1510 GACCUCC G UGGUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1510 GACCUCC G UGGUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1510 GA	9324	1706	Ö	13402			35687
1702 CGUGGCGU G UGGUUCCU 13404 AGGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1659 GGGGUGGU G UGCUCCAA 13405 UGGAGGAA GCAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCUCUCCA 13407 UGGAGGAA GCAGGGAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCUCUCCA 13407 UGGAGGAA CUCCCUUCAAGGACAUCGUCCGGG 1671 GUCUCUCCA 0 UCCACCA 13408 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1649 UACUUCCA G CUCCACA 13408 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1649 UACUUCCA G CUCCACA 13419 GAGCAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1658 UCACACA O UCCACAG UGGAGGAA CUCCCUUCAAGGACAUCGUCCGGG 1659 UACUUCCA G CUCCACAG UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1654 UACUUCCA G UCCUUCAA G UCCUCCAA G UCCUUCAA G UCCUCAA G UCCUUCAA G UCCUUCAA G UCCUUCAA G UCCUUCAA G UCCUCAA G UCCUUCAA G UCCUUCAA G UCCUUCAA G UCCUUCAA G UCCUCAA G UCUUCAA G UCUUCAA G UCUCAAC G UCUUCAA G UCUCAA G UCUCAAC G UCUUCAA G UCUCAAC G UCCCAAC G UCCCAAC G UCCCAAC G UCCCCCUCCAAGGACACCCCUUCAAGGACACCCCCCCCCC	9326	1704	Ø	13403			4 35688
1699 GGGGGGGG G UUCCUCAA 13405 UUGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGGCGGG CGAUUAAC G UCCUCUCA 13406 CAGAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG	9328	1702		13404		ı	3 35689
1679 CCAUUNAC G UCUCUCUG 13406 CAGGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1671 GUCUCUCU G UUCCUCCA 13407 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1658 UCCACACA G CACUGCUC 13409 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1649 UACUUCCA G CACUGCUC 13410 GAGCAGUG 1626 CAAGGAGG 13411 GACCUCAA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1626 AGAGGAGG 13412 UCCAUGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1595 CCAAGGAG UUCAAGGG 13413 AACAAAGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1596 CCAAGGAG UUCAACA 13413 AACAAAGA GAGGGAAACUCCCUUCAAGGACAUCGUCGGG 1589 ACGUCUU UUCAACA 13414 UGUUGGAA GAGGGAAACUCCCUUCAAGGACAUCGUCGGG 1580 UUCCAACA UCAUUGGA GAGGAGAACUCCCUUCAAGGACAUCGUCGGG 1550 1580 UUCCAACA UCUUGGA GAGGAGAACUCCCUUCAAGGACAUCGUCGGG 1580 UUCCAACA UAUUGGA 13418 CGUGAUGAA GAGGAGAACUCCCUUCAAGGACAUCGUCGGG 1580 UUCCAACA <td>9331</td> <td>1699</td> <td>g</td> <td>13405</td> <td></td> <td>t t</td> <td>35690</td>	9331	1699	g	13405		t t	35690
1671 GUCUCUCA 13407 UGGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGCGGG 1658 UCCACACA G UACUUCCA 13408 UGGBAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1649 UACUUCCA G CACUGCUC 13419 GAGCGCGGG 1632 CAAGGACA G UCCAAGG 13410 CCUIGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1632 CAAGGACA G UCCAUGA 13411 GACCUCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1589 CCAAGAAC G UCCAUGA 13413 AUCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA 13414 UUCUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA UUCCAACA GACUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA UUCCAACA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA UUCCAACA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA UUCCAACA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA UUCUCAACA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA UUCUCAACA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA UUCUCAACA <td>9351</td> <td>1679</td> <td>0 0</td> <td>13406</td> <td></td> <td></td> <td>3 35691</td>	9351	1679	0 0	13406			3 35691
1658 UCCACACA G VACUUCCA 13408 UGGAAGUA GGAGAAACUCCCUUCAAGGACAUCGUCCGGG 1649 UACUUCCA G CACUGCUC 13409 GAGCAGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 1644 CCAGCACU G CUCCAAGG 13411 CCUUGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 1632 CAAGGACU G CUCCAAGG 13411 GACCUCAA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 1556 AGGUUGAG 13412 UUCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1589 ACGUCUU UUCCAACA 13413 AACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 VUCCAACA UUCCAACA 13414 UGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 VUCCAACA UUCCAACA 13415 CGUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 VUCCACACA UUCAUCACA 13415 CGUGAUGAACUCCCUUCAAGGACAUCGUCCGGG 1550 AUGCACUA GUAUGGUA 13419 AAUGCAUA GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1551 GUAUGGUA UUCACAGU 13410 AAUGCAU GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 AUGCACUUG UUCACAGU 13450	9359	1671	ø	13407		1	35692
1649 UACUUCCA G CACUGCUC 13409 GAGCAGUG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1644 CCAGCACU G CUCCAAGG 13410 CCUUGGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1632 CAAGGAGA G UCANUGA 13411 GACCUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1626 AGGUUGAG G UCANUGA 13412 UUCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1595 CCAAGAAC G UCUUGAU 13413 AACAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 AUCCAACA G UCUUGAU 13414 UGUUGAAACUCCCUUCAAGGACAUCGUCCGGG 1581 AUCCAACA G UCUUCAAC 13415 CGUGAGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA G UCUUCAAC 13416 AACAGAAACUCCCUUCAAGGACAUCGUCCGGG 1581 AUCACACA G UCUUCAAC 13416 AAUGCAUA GGAGGAAACUCCCUUCAAGGACAUCGCGGG 1580 AUCACGUA G UACCAUC 13416 AAUGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1581 AUCACGUA GAUUGAGG 13416 AAUGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1582 AUGCAUGG UUCACAGG 13418 AACGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1584 AUGCAUGG UCACACUG	9372	1658	ø	13408			4 35693
1644 CCAGCACU G CUCCAAGG 13410 CCUUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1632 CAAGGGAG G UUGAGGUC 13411 GACCUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1626 AGGUUGGG G UCCAUGAA 13412 UUCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1595 CCAAGAAC G UCUUGGU 13413 AACAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA G UCUUGGU 13414 UGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA G UCUUGGU 13414 UGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA G UCUUGGU 13414 UGUUGGAAACUCCCUUCAAGGACAUCGUCCGGG 1560 UUCCAACA G UCUUGGU 13414 AACGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1560 AUCACGUA G UAGCAUA GCAUACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 13418 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 AUCACGUA GAGGAAACUCCCUUCAAGGACAUCGUCGGG 13418 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1581 GCAUAGGACAUCGUCCCUUCAAGGACAUCGUCCGGG 13418 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1582 AUGCAUUG UCAACUG 13421 AUGGAGAAACUCCCUUCAAGGACAUCGUCCGGG	9381	1649	O	13409			4 35694
1632 CAAGGGAAG UUGANGGGAA GACCUCAA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1626 AGGUUGAG UCCAUGAA 13412 UUCAUGGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1595 CCAAGAAC UCCAUGAA 13413 AACAAAGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1589 ACGUCUUU UUCCAACA 13414 UGUUGGAA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA UCCUUGAU 13415 CGUGAUGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1580 UUCCAACA UAUGCGUA GAAUACCUA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1560 AUCACGUA GAUUGGUA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1561 AUGCAUM GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1562 AUGCAUM GAGGAAACUCCCUUCAAGGACAUCGUCGGG 1563 AUGCAUM GAGGGAAACUCCCUUCAAGGACAUCGUCGGG 1564 AUGCAUM GAGGGAAACUCCCUUCAAGGACAUCGUCGGG 1565 AUGCAUM GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1560 UUCACAGU 13418 CACCAAUG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1540 GAUUGGUC </td <td>9386</td> <td>1644</td> <td>O</td> <td>13410</td> <td></td> <td></td> <td>3 35695</td>	9386	1644	O	13410			3 35695
1626 AGGUUGAG G UCCAUGAA 13412 UUCANGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1595 CCAAGAAC G UCUUUGU 13413 AACAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1589 ACGUCUUU G UUCCAACA 13414 UGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1580 UUCCAACA G UCAUCAG 13415 CGUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1560 UUCCAACA G UCAUCAG 13416 GCAUACUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1561 AUCACGUA GAGUAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1562 AUCACGUA 13418 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1563 AUGCAUU GAUUGAUC 13419 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1557 AUGCAUU GUUGAAUC 13419 GAUUGACA GACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1559 AUGCAUU GUUGAACC 13420 GGGAUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1540 GCAUUGAAC 13421 GUGAACCA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GCAUUGAC 13422 ACTGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GGUUCACAG<	9398	1632	ø	13411			3 35696
1595 CCAAGAAC G UCUUGUU 13413 AACAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1589 ACGUCUU G UUCCAACA 13414 UGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1580 UUCCAACA G UCAUCACG 13415 CGUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1580 UUCCAACA G UAGUAUG 13416 GCAUACUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1569 AUCACGUA G UAGUAUC 13419 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1569 AUCACAUU G UAGUAUC 13419 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 1550 AUGCAUU G UGUUCAC 13419 GAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1551 AUGCAUU G UGCACAGU 13420 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1553 AUGCAUUG UGGUUCAC 13421 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GCAUUGGU UGGAUCAC 13422 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GGAUUCAC UGGAUCCA 13423 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1534 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 13424 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	9404	1626	U	13412			J 35697
1589 ACGUCUUU G UUCCAACA 13414 UGUUGGAA GOAGGAAACUCCCUUCAAGGACAUCGUCGGG 1580 UUCCAACA G UCAUCACG 13415 CGUGAUGA GOAGGAAACUCCCUUCAAGGACAUCGUCGGG 1572 GUCAUCAC G UAGUAUG 13416 GCAUACUA GOAGGAAACUCCCUUCAAGGACAUCGUCGGG 1569 AUCACGUA G UAUGGUU 13417 AAUGCAUA GOAGGAAACUCCCUUCAAGGACAUCGUCGGG 1565 CGUAGUAU CAUUGGU 13418 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1557 AUGCAUU G UGUUCAC 13420 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1540 UGAUCCGU UGGUUCAC 13421 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1541 GCAUUGGU GUCACUGU 13421 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1540 UGAUCACAGU 13421 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1541 GCAUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1554 ACUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1540 UGACCCUG 13421 ACUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GGUUCACUG UUCACCUG 13424 ACUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG <tr< td=""><td>9435</td><td>1595</td><td>Ö</td><td>13413</td><td></td><td></td><td>3 35698</td></tr<>	9435	1595	Ö	13413			3 35698
1580 UUCCAACA G UCAUCACG 13415 CGUGANGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1572 GUCAUCAC G UAGUAUG 13416 GCAUACUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1569 AUCACGUA G UAUGGUG 13417 AAUGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1565 CGUAGUAU G CAUUGGUG 13418 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1557 AUGCAUUG G UGUCAAU 13420 GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1540 UGACCGUG G UGGUUCAC 13421 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 1540 UGACCGUG G UGGUUCAC 13421 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 1540 UGACCGUG G UGGUUCAC 13422 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 1533 GGUUCACAGU 13423 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 1534 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 1554 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1534 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1534 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1534 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1498 AAGCCCUC	9441	1589	Ð	13414			J 35699
1572 GUCAUCAC G UAGUAUGC 13416 GCAUACCUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1569 AUCACGUA G UAUGCAUU 13417 AAUGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1569 AUGCAUUG G UAUGGUC 13418 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1559 AUGCAUUG G UGUCAAUC 13419 GAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1570 GCAUUGGU G UCACUGU 13420 GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1540 UGACCGUG G UGGUCAC 13421 GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1540 UGACCGUG G UCACUGU 13422 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GGUUCACA 13423 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1534 AGAGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUUCACAGU 13423 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCACCUU 13424 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAC UCCACUGU 13424 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAC UCCACUGU 13424 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	9450	1580	ه	13415			35700
1569 AUCACGUA G UAUGCAUU 13417 AAUGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1565 CGUAGUAU G CAUUGGUG 13418 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1559 AUGCAUUG G UGUCAAUC 13429 GAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1540 UGACCGUG G UGGUCAC 1342 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1540 UGACCGUG G UUCACAGU 1342 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GGUUCACA G UCCACUGU 13424 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1554 AGAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1555 AGAGUGGA ACUCCUUCAAGGACAUCGUCCGGG 1556 AGACUUAGU G UGUNUAGU G UGUNUAGU G UGUNUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1456 AGACUUAGU G UGUNUACA G UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1556 AGACUUAGU G UGUNUAGU G UGUNUACA G UUCACACA GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1550 AGACUUAGU G UGUNUACA G UUCACACA G UCCACUCA G UCC	9458	1572	٥	13416			35701
1565 CGUAGUAU G CAUUGGUG 13418 CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1559 AUGCAUUG G UGUCAAUC 13419 GAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1570 GCAUUGGU UCAAUCCC 13420 GGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1540 UGACCGUG UUCACAGU 13422 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GGUUCACA GUCACUGU 13423 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCACU 13424 AGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCACU 13424 AGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAC 13424 AGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1498 AAGCUUNAGU 13425 CACUAAAG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 1496 GCUUNAGU UUCACUCA UUCACUCA UUCACUCA	9461	1569	ט	13417		1 1	35702
1559 AUGCAUUG G UGUCAAUC 13419 GAUUGACA GGAUUGACA GGAUUGACA GGAUUGACA GGGAUUGA GGGAUUGA GGGAUUGA GGGAUUGA GGGAUUGA GGGAUUGA GGGAUUGACACUUCAAGGACAUCGUCCGGGG 1540 UGACCGUG G UUCACAGU 13422 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GGUUCACA G UCACCUG 13423 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1526 AGUCCACU G UCACCUC 13424 AGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAA G UCACCUC 13424 AGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAA G UCACCUC 13424 AGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1498 AAGCUUUA G UUCACUCA 13425 CACUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1496 GCUUUAGU G UGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUCACA GAUUCACA	9465	1565	0	13418			35703
1557 GCAUUGGU G UCAAUCCC 13420 GGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1543 CCCUGACC G UGGUCAC 13421 GUGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1540 UGACCGUG G UCACUGU 13422 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GGUUCACA G UCACUGU 13423 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAA G UCACCUC 13424 AGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAA G CUUNAGUG 13425 CACUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1498 AAGCUUUA GUGUNUGA 13426 CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1496 GCUUNAGU G UGAUNGAA 13426 CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1496 GCUUNAGU G UGAUNGAA 13426 CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG	9471	1559	р р	13419			J 35704
1543 CCCUGACC G UGGUUCAC 13421 GUGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1540 UGACCGUG G UUCACAGU 13422 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GGUUCACA G UCCACUGU 13423 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1526 AGUCCACU G UCACCUC 13424 AGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAA G CUUUAGUG 13425 CACUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1498 AAGCUUUA G UGUAUGAA 13426 CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1496 GCUUUAGU G UGUAUGAA 13426 CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1496 GCUUUAGU G UGUAUGAA 13427 UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	9473	1557	ø	13420	- 1	1 '	35705
1540 UGACCGUG G UUCACAGU 13422 ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1533 GGUUCACA G UCCACUGU 13423 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1526 AGUCCACU G UCACCUCU 13424 AGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAA G CUUNAGUG 13425 CACUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1498 AAGCUUNA GUUGUANG 13425 CACUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1496 GCUUNAGU G UGUAUGAA 13427 UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	9487	1543	٥	13421			3 35706
1533 GGUUCACA G UCCACUGU 13423 ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1526 AGUCCACU 0 UCACCUCU 13424 AGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAA G CUUUAGUG 13425 CACUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1498 AAGCUUA G UGUGUAUG 13426 CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 1496 GCUUUAGU G UGUAUGAA 13427 UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG	9490	1540	اق	13422	1		
1526 AGUCCACU G UCACCUCU 13424 AGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1504 UUCUCCAA G CUUUAGUG 13425 CACUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1498 AAGCUUUA G UGUGUAUG 13426 CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1496 GCUUUAGU G UGUAUGAA 13427 UUCAUAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	9497	1533	O	13423			35708
1504 UNCUCCAA G CUUNAGUG 13425 CACUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1498 AAGCUUUA G UGUGUAUG 13426 CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1496 GCUUUAGU G UGUAUGAA 13427 UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	9504	1526	Ö	13424		1	35709
1496 AAGCUUUA G UGUGUAUG 13426 CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUAGU G UGUAUGAA 13427 UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	9526	1504	Ф	13425			35710
1496 GCUUUAGU G UGUAUGAA 13427 UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	9532	1498	Ø	13426			1 35711
	9534	1496	O	13427			35712

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9236	1494	UUVAGUGU G UAUGAAGG	13428	CCUUCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUAAA	35713
9544	1486	o	13429	CUGCGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCAUAC	35714
9546	1484	S C	13430	UCCUGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCUUCAU	35715
9549	1481	AAGGCGCC G CAGGAGUG	13431	CACUCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGCCUU	35716
9555	1475	ტ	13432	CAGCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCGG	35717
9560	1470	ย	13433	AGAUUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACUCC	35718
9573	1457	AUCUCCCU G CCUGAGUG	13434	CACUCAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGAGAU	35719
9579	1451	פ	13435	UGGAGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGGCAG	35720
9582	1448	Ð	13436	GGUUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCAGG	35721
9592	1438	ຍ	13437	ACUCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGUUGGA	35722
9594	1436	CAACCUGU G UGGAGUAG	13438	CUACUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGUUG	35723
9599	1431	Ð	13439	GGAAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACACA	35724
9602	1428	อกออากาก อ กากจรอกอ	13440	CACGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACUCCAC	35725
9608	1422	UNGUTUCE G UGCGACUC	13441	GAGUCGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAACUA	35726
9610	1420	GUUUCCEU G CGACUCCA	13442	UGGAGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAAAC	35727
9621	1409	ACUCCACA G UAGUUGGU	13443	ACCAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAGU	35728
9624	1406	A G	13444	UGGACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACUGUGG	35729
9628	1402	AGUAGUUG G UCCAUGGA	13445	UCCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACUACU	35730
9645	1385	g G	13446	CGAAGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUUUUG	35731
9653	1377	GCCACUUC G UACUUGAU	13447	AUCAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUGGC	35732
9678	1352		13448	AGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCUUGA	35733
9690	1340	Ö	13449	UACCAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAGGAA	35734
9696	1334	Ö	13450	1	35735
9701	1329	ט	13451		35736
9705	1325	ø	13452	. 1	35737
9714	1316	O	13453	CACAUGCO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGO CAAAUUUG	35738
9716	1314	o	13454	GACACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAAAUU	35739
9720	1310	O	13455	CAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCGCCA	35740
9722	1308	1	13456	AGCAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAUGCGC	35741
9728	1302		13457	AAAGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGACAC	35742
9737	1293	<u>ნ</u>	13458		35743
9749	1281	ø	13459	AACGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUUAUU	35744
9752	1278	Ø	13460	GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGAUU	35745
9755	1275	ອ ວ	13461	UGGGCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUGCGG	35746
9758	1272	ט	13462	GGCUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGCUG	35747
9764	1266		13463	GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGCAA	35748
9770	1260	စ	13464	GUGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGGCUG	35749
9784	1246	פ	13465		35750
9788	1242	0	13466	UUUGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACAAGG	35751
9798	1232	ACACAAAA G CUGGGUCA	13467	UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGUGU	35752

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9803	1227	AAAGCUGG G UCAGCACG	13468	CGUGCUGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCAGCUUU	35753
9807	1223	0	13469	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35754
9811	1219	gucagcac g unugucau	13470	AUGACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUGAC	35755
9815	1215	gcacguuu a ucauugug	13471	CACAAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACGUGC	35756
9821	1209	nnancynn e nayacnnc	13472	GAAGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGACAA	35757
9825	1205	ტ	13473	GGGAGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACAAUG	35758
9837	1193	COCCCANG G OCGGGCAC	13474	GUGCCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGAG	35759
9842	1188	PAGGACGG G CACGCAGC	13475	GCUGCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGACCAU	35760
9846	1184	ucesecac e caecume	13476	CAAAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCCCGA	35761
9849	1181	GGCACGCA G CUUUGGUG	13477	CACCAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGUGCC	35762
9855	1175	CAGCUUUG G UGGAGAGA	13478	UCUCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAGCUG	35763
9866	1164	O	13479	ACCGUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCUCUC	35764
9873	1157	CGCUGACG G UAGCCAAA	13480	UNUGGCUA GAAGAAACUCCCUUCAAGAACAUCGUCCGGG CGUCAGCG	35765
9876	1154	UGACGGUA G CCAAAUAG	13481	CUAUTUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCGUCA	35766
9884	1146	Ð	13482	AGUUAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUUGGC	35767
9893	1137	Ö	13483	GAGGUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUAUUG	35768
9903	1127	GGACCUCU G CCAGGUUG	13484	CAACCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGUCC	35769
9908	1122	២	13485	GCGGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCAGA	35770
9915	1115	ŋ	13486	UAUGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCAACC	35771
9945	1085	Ö	13487	CAAGCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGAUG	35772
9949	1081	ŋ	13488	AGGACAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACCAUC	35773
9953	1077	O	13489	UCUAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCCUAC	35774
6966	1901	O	13490		35775
9974	1056	O	13491	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35776
9977	1053	Ö	13492	GGCGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGUGAC	35777
9980	1050	ACGCAGCU G UCGCCUUC	13493	GAAGGCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUGCGU	35778
9983	1047	Ö	13494		35779
10008	1022	ø	13495	UGGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGUGG	35780
1001	1019	0	13496	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35781
10034	966	S S	13497	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35782
10040	990	စ	13498	AUGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACUU	35783
10043	987	O	13499	GGAAUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGAGA	35784
10055	975	ט	13500	UUCAACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAAU	35785
10058	972	Ö	13501	AGCUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCUUGG	35786
10064	996	O	13502	GCUUACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAACUG	35787
10067	963	UUGAAGCU G UAAGCUGG	13503	CCAGCUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUCAA	35788
1001	959	AGCUGUAA G CUGGGGCC	13504	GGCCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACAGCU	35789
10011	953	O	13505	UUUGGUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCCAGCUU	35790
10087	943	o	13506	UGCUAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGGUG	35791
10093	937	AAGCAAUA G CACGACAA	13507	UUGUCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUGCUU	35792

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10114	916	AACUCUCU G CAUGGUGU	13508	ACACCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAGUU	35793
10119	911	ucuecaue e ueuuecuc	13509	GAGCAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGCAGA	35794
10121	606	UGCAUGGU G UUGCUCCC	13510	GGGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUGCA	35795
10124	906	AUGGUGUU G CUCCCAAG	13511	CUUGGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACCAU	35796
10132	868	GCUCCCAA G CAUCCAAC	13512	GUUGGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGAGC	35797
10149	188	CAAUGACG G CUGCCACC	13513	GEUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAUUG	35798
10152	878	UGACGGCU G CCACCAGG	13514	CCUGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGUCA	35799
19101	698	CCACCAGG G CAUAUCCA	13515	UGGAUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGUGG	35800
10172	828	ש	13516	UUGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGAUA	35801
10194	988	AUGAUUCU G UUUUUACC	13517	GGUAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUCAU	35802
10212	818	AAUACCUU G UGGCCUUG	13518	CAAGGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGUAUU	35803
10215	815	ACCUUGUG G CCUUGGUG	13519	CACCAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAAGGU	35804
10221	608	ueeccone e necoenco	13520	GGACAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGGCCA	35805
10223	807	accudad a cuanceau	13521	AUGGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAGGC	35806
10226	804	UUGGUGCU G UCCAUCCA	13522	UGGAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACCAA	35807
10236	794	CCAUCCAA G CCCCCUUC	13523	GAAGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAUGG	35808
10247	783	cccuncun a uncacuma	13524	CUAGCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAAGGG	35809
10251	779	ucuuguuc a cuagague	13525	CACUCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACAAGA	35810
10257	773		13526		35811
10259	771	GCUAGAGU G CUUUCUCC	13527	GGAGAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCUAGC	35812
10268	762		13528	CAGACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAAAG	35813
10270	160	uncucceu e nencueca	13529	UGCAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAGAA	35814
10272	758	cuccenen e ucuecacu	13530	AGUGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGGAG	35815
10276	754	U G	13531	UGACAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACACAC	35816
10281	749	Ø	13532		35817
10285	745	CACUGUCA G UGACCUCC	13533		35818
10298	732	O	13534	UCAAGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCGGAG	35819
10300	730		13535		35820
10307	723	Ø	13536	ACACGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAGACG	35821
10310	720	concadade e ceneucon	13537	AAGACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCAAG	35822
10312	718	uasguege e ueucuuge	13538	CCAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCACUCA	35823
10314	914	AGUGGCGU G UCUUGGUG	13539	CACCAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCCACU	35824
10320	710	9 9	13540	AAGAUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGACAC	35825
10322	108	J G	13541	GGAAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAGAC	35826
10340	069	UACCUGAC G UAGACUGC	13542	GCAGUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGGUA	35827
10347	683	ტ	13543	AAAGUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCUACG	35828
10356	674	೮	13544	UUGGUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGUCAG	35829
10358	672	Ø	13545	UGUUGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAAGUC	35830
10367	693	ایم	13546	GACAUCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGUG	35831
10373	657	CAGUCGAU G UCUUCUGG	13547	CCAGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGACUG	35832

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10392	638	CAUDACCA G CCGACAGC	13548	GCUGUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUAAUG	35833
10399	631	O	13549		35834
10406	624	AGCACUGG G CAUUCAUA	13550	UAUGAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGUGCU	35835
10416	614	AUUCAUAA G UGAUAGUA	13221	UACUAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUGAAU	35836
10422	809	AAGUGAUA G UAUCAUCG	13552	CGAUGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCACUU	35837
10430	009	GUAUCAUC G CACAUGUA	13553	UACAUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGAUAC	35838
10436	594	UCGCACAU G UAUCCCAC	13554	GUGGGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGCGA	35839
10452	578	CAUCCAUU G CUCUGACA	13555	UGUCAGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAUGGAUG	35840
10463	295	CUGACAAU G CAUAGGUU	13556	AACCUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGUCAG	35841
10469	561	AUGCAUAG G UUCUUUCC	13557		35842
10479	551	ucunica e caecueuu	13558	AACAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAL AA	35843
10482	548	UUCCAGCA G CUGUUGGA	13559	UCCAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUGGAA	35844
10485	545	CAGCAGCU G UUGGAAUC	13560	GAUUCCAA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGCUGCUG	35845
10494	536	UUGGAAUC G UGAUGACA	13561	UGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUCCAA	35846
10506	524	UGACAUCU G UGACGUCA	13562	UGACGUCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGAUGUCA	35847
10211	519	ncnenaec e nceaneac	13563		35848
10515	515	ש	13564		35849
10518	512	CGUCAGUA G CAUUUACC	13565	GGUAAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACUGACG	35850
10527	503	CAUUUACC @ UCAUCAUC	13566	GAUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAAAUG	35851
10550	480	CCUUGGAA G UUAGAGAG	13567	CUCUCUAA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUCCAAGG	35852
10560	470	UAGAGAGG G UAACUGCU	13568	AGCAGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUCUCUA	35853
10566	464	GGGUAACU G CUCCUACG	13569		35854
10574	456	denocave o caeecova	13570	AUCGCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUAGGAGC	35855
10578	452	CUACGCUG G CGAUCAGG	13571	CCUGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCGUAG	35856
10586	444	GCGAUCAG G CCAAUCAU	13572	AUGAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUCGC	35857
10599	431	UCAUGACU G CAAUUCCG	13573	CGGAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCAUGA	35858
10608	422	CAAUUCCG G UCUUUCCU	13574	1 1	35859
10630	400	Ð	13575		35860
10637	393	O	13576		35861
10642	388	ngaecucc e ccgauuga	13577	UCAAUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCUCA	35862
10653	377	OVINCENDE O CACUGGUC	13578	GACCAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCAAUC	35863
10659	371	Ø	13579	GACCUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUGCUA	35864
10665	365	ngencaag a necenagu	13580	ACUAGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGACCA	35865
10672	358		13581	1	35866
10694	336	ø	13582	1	35867
10696	334	CAGAAGGU G UUUCAUCG	13583	CGAUGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUUCUG	35868
10704	326	GUUCAUC G CUGUUUGU	13584	ACAAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGAAAC	35869
10707	323	Ð	13585	CAAACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGAUGA	35870
10711	319	50 10	13586	1	35871
10715	315	GUUUGUUU G UUCACACC	13587	GGUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACAAAC	35872

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1 1 1 1 1 1 1 1 1 1	10738 292	UCGAUCCA G CACUGCUC	13588	GAGCAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUCGA	35873
281 CUGCUCGGG G UCGGAGCA 13590 UGCUCCGGA 275 GGGUCGGA G CAAUUGCU 13591 AGCAAUUG 266 CAAUUGCU 13592 AGCAAUUG 267 CAAUUGCU 13593 CAGGUCGA 251 UGAAAAUC G GAACCACA 13593 CAGGUCGA 222 CCCAAGAAC G CCAACACA 13594 UCUCUUCG 223 UCGUAUUG G CCCUUGC 13595 UCUCUUCG 213 UCGAAUUG C CCCUUGC 13597 GCAAGCGG 213 UCGAUUCG UCGAUCGA 13599 AUCUCGG 214 UCGAUUCG CCCUCUUC 13609 AUCUCGG 165 GACCAUCC G CCCUCUUC 13603 AUCUCGG 160 CACGCGGG CAUUCGG 13604 GCCGAAAG 160 CACGCGGG CAUUCGG CUDAUCGG UCAUUCGG 161 CCCCUCCUC 13609 AUCUCGGG 113609 CUDAUCGGG 160 CACGCGGGG CACGCGGGG 13604 <t< td=""><td>Ц</td><td>Ð</td><td>13589</td><td>GACCCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCUGG</td><td>35874</td></t<>	Ц	Ð	13589	GACCCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCUGG	35874
275 GGGUCGGA G CAAUUGCU 13591 AGCAAUUG 269 GAGCAAUU G CUGUGAAC 13592 GUUCACAG 266 CAAUUGCU G UGAACCCU 13593 GUUCACAG 251 UGAAGAAC G CCAAGACA 13594 UCUCUUGG 223 CCAAAAUC G UAUUGGCC 13596 GGCACAAUA 223 UCGAAAUU G CCGUCGAU 13598 AUGCUUGG 216 GACCCCUU G CCGUCGAU 13599 CUGAUUGG 217 CCCUUGCC G UCGAUCAG 13599 CUGAUUGG 218 GCCCUUGC UCGAUCAG 13600 AUGUUGGG 194 UCAACAUA G CCCUCUUC 13601 GAAGAGGG 153 GCCUUGCC G UCGAUCAC 13603 AUGCCCCG 154 UCAACAUA G CCCUCUUC 13603 AUGCCCCG 155 GACCUCUCA 13603 AUGCCCCG 151 CCUCCUCC 13603 AUGCCCCG 152 CACGCCCG CCUUUGCC 13603 AUGCCCCG 152 CACGCCCCG CCUUUGCC 13603 AUGCCCCGG		D E	13590	UGCUCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGAGCAG	35875
269 GAGCAAUU G CUGUGAAC 13592 GUUCACCAG 266 CAAUUGCU G UGAACCUG 13593 CAGGUUCA 251 UGAAGAAC G CCAAGACA 13594 UCUCUUGG 229 CCCAGAGAG G CCACUUCC 13596 GGCCAUUG 229 CACAAAUC G UAUUGGCC 13596 GGCACUUG 213 UCGAUCAG CCCUCUUC 13600 AUGUUGGG 213 CCCUUGCC G UCGAUCAG 13600 AUGUUGGG 214 UCGAUCAG G CCCUCUUC 13601 GAAGACGG 150 CCCUCUUCA G UCCAAUCAG 13602 UGAUUGGG 160 CACUCUUCA G UCCAAUCAG 13603 AUGCCCCG 160 CACUCUUCA G UCCAAUCAG 13603 AUGCCCCG 160 CACAGCCGG UCUUNAGCA 13603 AUGCCCCG 151 CCUCUUCA G CUCUUCAG 13609 GGCAAUGC 152 GACACCCG UCUNAGCA 13609 GGCAAGAGA 153 GCCUCUUCA 13609 GGCGAAGAGA 153		Ð	13591	AGCAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCGACCC	35876
266 CAAUUGCU G UGAACCUG 13593 CAGGUUCA 251 UGAAGAAC G CCAAGAA 13594 UCUCUUGG 242 CCAAGAGA G CCAACACA 13595 UGUGUUGG 229 CACAAAUC 13596 GGCCAAUA 216 GCCCUUGC 13597 GCAAGAGG 213 UCGUUCGG UCGAUCAG 13599 AUGUUGG 214 UCGAUCAG UCGAUCAG 13599 AUGUUGG 194 UCGAUCAG UCGAUCAG 13601 AUGUUGG 160 CCCUUGCC UCGAUCAG 13602 AUGUUGG 161 CCCUUGCG UCGAUCAG 13602 AUGUUGG 160 CCCUUCCG UCGAUCAG 13602 AUGUUGG 161 CCUCCUCG UCUUUAGCA 13602 UCAAAACG 162 CCUCUCCG UUUUAGCA 13612 UCAAAAACG 163 ACAGCCCG UUUUAGCA 13613 UCUAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA		Ð	13592	GUUCACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUGCUC	35877
251 UGAAGAAC G CCAAGAGA 13594 UCUCUUGG 242 CCAAGAGA G CCAACACA 13595 UGUGUUGG 229 CACAAAUC G UAUUGGCC 13596 GGCCAAUA 229 UCGUAUUG G CCCUUGC 13597 GCAAGGGG 216 GGCCCUUGC 13597 GCAAGGGG 216 GGCCCUUGC 13599 CUGAUCGA 13598 AUCGACGG 1344 UCAACAUC G CGGGCCUU 13601 GAAGAGGG 154 GCCUUUCA G UCGACAUCA 13603 AUGCCCCCG 155 GGCCUUUCA G UCGACAUCA 13604 GCGCGAAUG 155 GGCCCCGG 156 GGCCCGGG G CAUUUAGCA 13609 GGCCAAGAGG 123 GGCCUUUCA G UCCAGCGC G UUUUAGCC 13609 GGCCAAGAGG 123 GGCCUUUCA G CCCGGCCC 13609 GGCCAAGAGG 123 GGCCUCCUG G UUUUAGCC 13609 GGCCAAGAGG 123 GGCCUCUUC G CCCGGCCC 13609 GGCCAAGAGG 123 GGCCUCUUG G UUUCUUACC 13609 GGCCAAGAGG 123 ACCGCCCGG G CCCCCCGG G CCCCCCGG G CCCCCCGG G CCCCCC		Ð	13593		35878
242 CCRAGAGA G CCAACACA 13595 UGUGUUGG 229 CACAAAUC G UAUUGGCC 13596 GGCCCAUUA 223 UCGUAAUUG G CCCUUGC 13597 GCAAGGGG 216 GGCCCCUU G CGGUCGAU 13598 AUGAUCGA 213 CCCUUGCC G UCGAUCAG 13599 CUGAUCGA 214 UCGAUCAGG G CCCUCUUC 13601 GAAGAGGG 150 CCCUCUUCA G UCCAAUCA 13602 AUGCUCCCG 160 CACGCGGG G CAUUUAGC 13603 AUGCCCCCG 151 GCCAUUCCG G UUUUAGCA 13604 GCGGAAUG 152 GCCAUUCCG G UUUUAGCA 13609 GCGCAAGAG 123 GGCAUUCCG G UUUUAGCA 13609 GCGCAAGAG 124 GCCUCCUG G CUUUUAGCA 13609 GCGCCAGG 125 ACAGCCCG G CUUUUAGCA 13609 GCGCAAGAG 126 CACUCCUG CCCUCCUG CCCUCCUG CCCUCCUG 127 ACAGCCCG CCCUCCUG CCCUCCUG CCCUCCUG CCCUCCUG 128 ACACCCGG CCCUCCUG <td>Ц</td> <td>9</td> <td>13594</td> <td>UCUCUUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GUUCUUCA</td> <td>35879</td>	Ц	9	13594	UCUCUUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GUUCUUCA	35879
229 CACAAAUC G UAUUGGCC 13596 GGCCAAUA 223 UCGUAUUG G CCCCUUGC 13597 GCAAGGGG 216 GGCCCCUU G CCGUCGAU 13598 AUCGACGG 217 CCCUUGCC G UCGAUCAG 13599 CUGAUCGA 204 UCAACAUC G CCGUCGAU 13601 GAAGAGGG 1184 CCUCUUCA G UCCAAUCA 13602 UGAUUGGA 1165 GACAACAC G CGGGGCAU 13603 AUGCCCCG 1160 CACGCGGG G CAUUCCGC 13604 GCGGGAAUG 1173 GGCAUUCC G CGUUUAGC 13606 GGCGCAGGG 1174 GCGUUUAG G CCCUCCUG 13607 UCAAUAACG 1175 GGCAUUCC G CUUUAGCA 13606 GGCCCGGG 1176 CCCCCCUG G UUUUAGCA 13607 UCAAUAACG 1177 ACAGCCCG G CUUUCUCA 13611 CAGGAGGGG 1186 ACCUCCUG G UUCCUUAG 13611 CAGGAGGGG 1187 ACAGCCCG G CCCCCCUG 13614 UUUCUUAGCA 6 ACCUCCUG G UUCCUUAGA 13612 CUUAAGAAA 6 ACCUCCUG G UUCCUUAGA 13612 CUUAAGAAA 6 ACCUCCUG G UUCCUUAGA 13612 CUUAAGAAA 6 ACCUCCUG G UUCCUUAGA 13612 ACCUCCUG G UUCCUCAG 13614 ACAAUUAACA 6 CCCCCCCC 13606 GGCCACAAG G CCCCCCCC 13606 CCCCCCGG CCCCCCC G CCCCCCCC G CCCCCCCC		Ö	13595	UGUGUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCUUGG	35880
223 UCGUAUUG G CCCCUUGC 11597 GCAAGGGG 216 GGCCCCUU G CCGUCGAU 11598 AUCGACGG 213 CCCUUGCC G UCGAUCAG 11599 CUGAUCGA 1194 UCAACAU G CCGUCGUC 11601 GAAGAGGG 1184 CCUCUUCA G UCCAAUCA 11602 UGAUUGGA 1184 CCUCUUCA G UCCAAUCA 11603 AUGCCCCG 1160 GACACACG C GCGGGCAU 11603 AUGCCCCG 1160 GACACACG C CGUUUUAG 11603 AUGCCCCG CAUUUAGCA 11605 CUCAAAACG 1160 GACACACG C GUUUAGCA 11605 CUCAAAACG 1160 GACACACG C GUUUAGCA 11605 CUCAAAACG 1160 GACCCCGG COCCCCG CACACACG C CCCCCCCG C CACACACG C CCCCCCCG C CCCCCCG C CCCCCCG C CCCCCC	Ц	Ð	13596	GGCCAAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUUGUG	35881
216 GGCCCCUU G CCGUCGAU 1359B AUCGACGG 213 CCCUUGGC G UCGAUCAG 1359B CUGAUCGA 204 UCGAUCAGG CUGAUCGA 13601 AUGAUCGA 194 UCAACAUA G CCCUCUC 13601 GAGUUCGA 165 GACAACAC G CGGGCAU 13602 UGAUUCGA 160 CACGCGGG CAUUCCGC 13604 GCGGAAUG 151 GACAUCCG G CUUUUAGC 13605 CUGAAAACG 125 GACGUUCC G CUUUUAGCA 13606 UGCUAAAACG 126 CACGCCCGG G CUUUUAGCA 13608 GAGCCCGGG 127 ACAGCCCG G CUCUUGCC 13609 GGCAAGAGG 128 ACAGCCCG G CUCUUGCC 13609 GGCAAGAGG 129 ACAGCCCG G CUCUCUGC 13609 GGCAAGAGG 129 ACAGCCCG G CCCCCCUG 13613 UCUUAAGAGA 84 AUCUUCCG G UUUCUUAGC 13613 UCUUAAGAGA 69 AACAGCCCG <td< td=""><td></td><td>D.</td><td>13597</td><td>GCAAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUACGA</td><td>35882</td></td<>		D.	13597	GCAAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUACGA	35882
213 CCCCUUGGC G UCGAUCAG 13599 CUGAUCAG 204 UCGAUCAG CUCAACAU 13600 AUGUUGAG 194 UCGAACAU 13601 GAAGAGGG 184 CCUCUUCA UCCAAUCA 13602 UGAAUGGA 160 GACGGGGG CAUUCAGC 13603 AUGCCCCG 160 CACGCGGG CAUUCAGC 13604 GCGGAAUG 151 GACGUUCC CGUUUUAGC 13605 UGCUAAAACG 152 GACGUUUCC CGUUUUAGC 13609 GCGGAAGGG 1129 GACGUUUUA CACGGGCCC 13609 GGGCAAGAGG 1129 CAUGCCCG UUUUAGCA 13619 GGGCAAGAGG 1129 ACGGCCCG UUUUAGCA 13619 GGGCAAGGG 1129 ACGCCCCG UUUCACCGG CCCUCCUG 13619 GGGCCCCGG 118 ACUGCCCG CCCUCCUG 13619 AGGCCCCGG 119 CCCUCCUG CCCUCCUG CCCUCCUG CCCUCCUG CCCUCCUG 84		J G	13598	AUCGACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGGCC	35883
204 UCGAUCAG G CUCAACAU 13600 AUGUUGAG 194 UCAACAUA G CCCUCUUC 13601 GAAGAGGG 184 CCUCUUCA G UCCAAUCA 13602 UGAUUGGA 160 CACGCGGG G CAUUCGGC 13603 AUGCCCCGG 150 CACGCGGG G CAUUCAGC 13604 GCGGAAUG 151 GACAUUCC G CGUUUUAG 13605 CUAAAACG 152 GACGUUUAA 13606 UGCUAAAAA 134 UAUUGACA G CCCGGCUC 13609 GACGCCGG 129 ACAGCCCG G CCCUCUCC 13609 GACCCGGG 129 ACAGCCCG G CCCUCUCC 13610 GACCCGGG 129 ACAGCCCG G CCCCGGCCC 13611 CCAGCCGGG 129 ACAGCCCG G CCCCCGGCCC 13611 CCAGCCCGG 129 ACAGCCCGG G CCCCCCGGCCC 13611 CCAGCCCGG 129 ACAGCCCGG G CCCCCCCCGG 13611 CCAGCCCGG 109 ACAGCCCGG G CCCCCCCCGGCCC 13612 CUAAGCCCGG 109 ACCCCCCCGG G CCCCCCCCCGGCCC 13612 CUAAGCCCGG		Ð	13599	CUGAUCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAAGGG	35884
194 UCRACAUA G CCCUCUUC 13601 GAAGAGGG 184 CCUCUUCA G UCCAAUCA 13602 UGAUUGGA 165 GACAACAC G CGGGGCAU 13603 AUGCCCCG 160 CACGCGGG G CAUUCGC 13604 GCGGAAUG 151 CAUUCCGC G CGUUUAGCA 13605 CUAAAACG 152 GGCAUUCC G CGUUUAGCA 13606 UGCUAAAA 134 UAUUGACA G CCCGGCUC 13609 GGCCCGGG 129 ACAGCCCG G CCCUCCUC 13609 GGCAAGAG 129 ACAGCCCG G CCCUCCUC 13611 CAGGAGGG 129 ACAGCCCG G CCCUCCUC 13612 CUAAGAGG 129 ACAGCCCG G CCCUCCUC 13613 UUCUAAGA 186 AGACCCGG G CCCUCCUC 13613 UUCUAAGA 186 AGACCCGG G CCCUCCUC 13613 UUCUAAGA 84 AUCUCCCG G CCCCCCCGG 13613 UUCUAAGA 85 AGACCCGG G CCCCCCCGG 13614 ACAAUUAAA 86 CCCCCCCGG CCCCCCCGG 13618 ACAAUUAAA		Ö	13600	AUGUUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUCGA	35885
184 CCUCUUCA G UCCAAUCA 13602 UGADUGGA 165 GACAACAC G CGGGGAU 13603 AUGCCCCG 160 CACGCGGG G CAUUCGC 13604 GCGGAAUG 151 CAUUCCG G CUUUUAGCA 13605 CUAAAACG 152 GGCAUUUC G CUUUUAGCA 13606 UGCUAAAA 134 UAUUGACA G CCCGGCUC 13609 GGCCAGGG 129 ACAGCCCG G CCCGGCCC 13609 GGCCAGGG 129 ACAGCCCG G CCCUCCUG 13613 CCAGGCCCGGG 129 ACAGCCCG G CCCUCCUG 13613 UCAAGAGGG 129 ACAGCCCG G CCCUCCUG 13613 UCAAGAGGG 109 CCCUCCUG G CCCUCCUG 13613 UCUUAAGAA 86 AGACCCCG G CCCUCCUG 13613 UCUUAAGAA 87 AGAACCCG G CCCUCCUG 13613 UUAAGGCGGG 69 ACCACCCG G CCCUCCUG 13618 ACAAUUAAA 62 CGCACCCGG G CCCUCCUG 13618 <td>Ш</td> <td>B</td> <td>13601</td> <td>GAAGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUUGA</td> <td>35886</td>	Ш	B	13601	GAAGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUUGA	35886
165 GACAACAC G CGGGGCAU 13603 AUGCCCCG 160 CACGCGGG G CAUUCCGC 13604 GCGGAAUG 151 GGCAUUCC G CGUUUNGG 13605 CUBAAACG 151 CAUUCCGC G UUUNGCA 13606 UGCUAAAA 134 UAUUGACA G CCCGGCUC 13608 GAGCCGGG 129 ACAGCCCG G CCCGCGCC 13609 GGCAAGAG 129 ACAGCCCG G CCCCCCGG 13611 CAGGAGGG 129 ACAGCCCG G CCCCCCGG 13611 CAGGAGGG 129 ACAGCCCG G CCCCCCGG 13612 CUAAGGAA 186 AGACCCGG G CCCCCCGG 13613 UCUAAGGAA 86 AGACCCGG G CCCCCCGG 13613 UCUAAGGAA 87 AGACCCGG G CCCCCCGG 13613 UCUAAGGAA 88 AGACCCCGG G CCCCCCGG 13613 UCUAAGGAA 89 AGACCCCGG G CCCCCCGG 13613 UCUAAGCA 69 AGACCCCGG G CCCCCCGG 13613 UCUAAGCA 69 ACCCCCCCGG G CCCCCCGG 13618 ACCACCGGG 60 </td <td></td> <td>Ð</td> <td>13602</td> <td>UGAUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGAGG</td> <td>35887</td>		Ð	13602	UGAUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGAGG	35887
160 CACGCGGG G CAUUCCGC 13604 GCGGAAUG 153 GGCAUUCC G CGUUUNGC 13605 CUBAAACG 151 CAUUCCGC G UUUUNGCA 13606 UGCUAAAACG 134 UAUUGACA G CCCGGCUC 13608 GAGCCGGG 129 ACAGCCCG G CCCUCCUG 13619 GGCCAAGAG 129 ACAGCCCG G CCCUCCUG 13611 CAGGAGGG 109 CCCUCCUG G CCCUCCUG 13612 CAGGAGGG 109 CCCUCCUG G UUUCCUG 13613 UCUUAGCG 109 CCCUCCUG G UUUCCUG 13613 UCUUAGCG 84 AUCUUCGU G UUCCUAGA 13613 UCUUAGCA 69 AGAAUUAGA 13613 UCUUAGCA 69 AACAGCUC CCCUCCUG 13613 AUUAACAA 69 AACAGCUC CCCUCCUG 13613 AUUAAACAA 69 AACAGCUC CCCCCCCUC 13613 AUUAAACAA 60 CUCCCCCUC CCCCCCCUC 13618 AUUAAACAA 62 CCCCCCCUC CCCCCCCUC CCCCCCCC	Щ	9	13603	AUGCICCO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGUUGUC	35888
153 GGCAUUCC G CGUUUNAGCA 13605 CUBABAACG 151 CAUUCCGC G UUUNAGCA 13606 UGCUBABA 145 GCGUUUNA G CAUANUGA 13609 UGCUBABAA 129 ACAGCCCG G CUCUUGCC 13609 GGCCAGGGG 129 ACAGCCCG G CUCUUGCC 13610 GGGCAAGAG 129 CCUCCCUG G CUCUUGCC 13611 CAGGAGGG 109 CCCUCCUG G CUCUCUG 13612 CAGGAGGG 109 CCCUCCUG G UUUCUUAG 13613 UCUUAGCA 84 AUCUUCGU G CUAAGAA 13613 UCUUAGCA 69 AGAUUCCUG CUCACCGGG CUCACAGGG 69 AGAAUUAGA 13613 UCUUAGCA 64 AUCUCCUG CUCACACAG 13613 AUUAACAGA 65 AACAGCUC CUCACACAG 13618 AUUAAACAA 65 AACACACUU UUAAUUGU 13619 AUUAAACAA 65 CUCACCAU UUAAUAGU 13620 AUGAACUAA 52 UAAUUGU UAAUAGUA 13620	Ц	Ð	13604	GCGGAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCGCGUG	35889
151 CAUUCCGC G UUUUAGCA 13606 UGCURAAA 145 GCGUUUUA G CAUAUUGA 13609 UCAAUAUGG 129 ACAGCCCG G CUCUUGCC 13609 GGCAAGAG 129 ACAGCCCG G CUCUUGCC 13610 GGGCAAGAG 129 ACAGCCCG G CUCUUGCC 13611 CAGGAGGG 109 CCCUCCUG G UUUCUUAG 13612 CUAAGAAA 86 AGAUCUUC G UGCUAAGAA 13613 UCUUAGCA 87 AUCUUCGU G CUAAGAAA 13613 UCUUAGCA 69 AGAACCCG CUCACCGG CUCACAGG 69 AACAAGCUC G CUAAGAAA 13613 UUUCUUAGA 69 AACAAGCUC G CUCAGCACU 13615 AGUACCAGA 69 AACAGCUC G CUCAGCACU 13618 ACAAUUAAA 62 CUCACCUG G UUAAUUGU 13619 AUUAACAA 55 UAUUACUU G UUAAUUGU 13620 AGGAUUAAA 58 UAUUACUU G UUAAUUGU 13620 AGGAUUAAA 50 UUAUUACU G UUAAUUGU 13620 AGGAUUAAA 50		Ø	13605	CUAAAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUGCC	35890
145 GCGUUTUNA G CANANUGA 13607 UCAANANG 134 URUUGACA G CCCGGCUC 13608 GAGCCGGG 129 ACAGCCCG G CUCUUGCC 13610 GGGCAAGAG 123 CGGCUCUU G CCGGGCCC 13610 GGGCCCGG 118 CUUGCCGG G CCCUCCUG 13611 CAGGAGGG 109 CCCUCCUG G UUCCUUAG 13613 CCUUAGGAA 84 AUCUUCGU G CUAAGAA 13613 UCUUAGCA 69 AACAACUC G CUCGCACU 13615 AGUGCGAG 69 AACAACUC G CUCGCACU 13615 AGUGCGAG 69 AACAGCUC G CUCGCACU 13615 AGUGCGAG 69 AACAGCUC G CUCGCACU 13615 ACUACAGAG 62 CCCACCUGU UUAAUGU 13618 ACAAUUAAA 55 UGUUAAUU UUAGUUAAU 13629 AGGAUUAAA 56 ACUACUGU UUAGUCAAA 13623 UGAGCUGA 57 UAAUUGUU UCAGCACUC 13624 GUAGCUGA 50 <td>Щ</td> <td>σ</td> <td>13606</td> <td>UGCUAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGAAUG</td> <td>35891</td>	Щ	σ	13606	UGCUAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGAAUG	35891
134 UAUUGACA G CCCGGCUC 13608 GAGCCGGGG 129 ACAGCCCG G CUCUUGCC 13610 GGGCAAGAGG 123 CGGCUCUU G CCGGGCCC 13610 GGGCCCGGG 1361 CUUGCCGG G CCCUCCUG 13611 CAGGAGGG CCCUCCUG 13612 CUAAGAAA 13613 UCUUAGCA 84 AUCUUCGU G CUAAGAAA 13613 UCUUAGCA 69 AACAGACUC G CUCACACU 13615 AGUGCGAG 69 AACAGCUC G CACUGUGU 13616 ACACAGUGG 69 AACAGCUC G CACUGUGU 13616 ACACAGUGG 65 AACAGCUC G UGUUAAUU 13617 AUUAACCA 62 CGCACUGU G UGUUAAUU 13618 ACAAUUAAA 52 UGUCACACU G UGUUAAUU 13618 ACAAUUAAA 52 UAAUUGUU G UCACACACA 13620 AGGAUUAAA 52 UAAUUGUCA G CCCACACA 13620 AGGAUUAAA 24 CUAACUUCA G CCCACACA 13620 AGGAUUAAA 25 CCAAUUGUCA G CCCACACA 13620 AGGAUUAAA 100993 CCAUUGUCA G CCCACACA 13620 CGAACUAC G CCCACACA G CCCACACA 13620 CCACACAC G CCCACACA 13620 CCACACACA G CCCACACA G CCCCACA G CCCACACA G CCCACACA G CCCACACA G CCCACACA G CCCACACA G CCCACACA	Ц	ø	13607	UCAAUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAACGC	35892
129 ACAGCCCG G CUCUUGCC 13609 GGCAAGAG 113 CGGCUCUU G CCGGGCCC 13610 GGGCCCGG 118 CUUGCCGG G CCCUCCUG 13611 CAGGAGGG 109 CCCUCCUG G UUCUUAG 13612 CUAAGAAA 84 AUCUUCGU G UGCUAAGA 13613 UCUUAGCA 84 AUCUUCGU G CUAAGAAA 13614 UUUCUUAG 73 AAGAACA G CUCGCACU 13615 AGUGCGAG 69 AACAGCUC G CACUGUGU 13615 AGUGCGAG 64 CUCGCACU G UGUUAAUU 13617 AAUUAACA 62 CGCACUGU G UUAAUUGU 13618 ACAAGUUAA 55 UGUUAAUU G UUGUUAAU 13619 AUUAACAA 55 UGUUAAUU G UCACCCCC 13620 AGGAUUAA 56 CGCACUGU G UUAAUCCU 13620 AGGAUUAA 57 UGUUAAUU G UCAGCUCA 13620 AGGAUUAA 58 ACUACUAA G UCACACAC 13621 CUGACCAAA 59 CUAAGUUU G CCACACAC 13621 CUGACCAAA 100 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUUG GUUGGUGA 14176 CAACCAGCC	Щ	ø	13608	GAGCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCAAUA	35893
123 CGGCUCUU G CCGGGCCC 13610 GGGCCCGGG 118 CUUGCCGG G CCCUCCUG 13611 CAGGAGGG CUGGCCCGG 13611 CAGGAGGG G CCCUCCUG G UUCUUAGG 13612 CUAAGAAA 84 AUCUUCGU G UUCUUAGA 13613 UCUUAGCA 69 AACAGCUC G CUCACACU 13615 AGUGCGAG G CCCCCCUG G UGUUAAUU 13616 ACACAGUG G CCCCCUG G UGUUAAUU 13617 AAUUAACAA 55 UGUUAAUU G UUGUUAAU 13618 ACACAUUAAA 55 UGUUAAUU G UUGUUAAU 13619 AUUAACAAA 24 CUACCUGU G UUAAUCCU 13629 AGGAUUAAA 28 ACUACUAA G UUGUUAAU G UUGUUAAU CU 13629 AGGAUUAAA 29 ACUACUAA G UUGUUAAU G 13629 AGGAUUAAA 20 ACGACUCA 13629 UGUGGUGAG 100993 CCAUUGUC G CGCACUG 13624 GUAGUUCG 100993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUCG GUUGUCGA 14176 CAACCAGC CAACAAACAAACAACAACAACAACAACAACAACAACAA		D	13609	GGCAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGCUGU	35894
118 CUUGCCGG G CCCUCCUG 13611 CAGGAGGG 109 CCCUCCUG G UUCCUAGG 13612 CUAAGAAA 84 AGAUCUUC G UGCUAAGA 13613 UCUUAGCA 73 AAGAAACA G CUCGCACU 13615 AGUGCGAG 69 AACAGCUC G CACUGUGU 13616 ACACAGUG 64 CUCGCACU G UGUUAAUU 13617 AAUUAACA 62 CGCACUGU G UUAAUUGU 13618 ACAAUUAA 55 UGUUAAUU G UUGUUAAU 13619 AUUAACAA 52 UAAUUGUU G UUAAUCCU 13629 AGGAAUUAA 28 ACUACUAA G UUGUUAAU 13629 AGGAAUUAA 29 ACUACUAA UUGUUAAUU 13629 AGGAAUUAA 24 CUAAGUUU G UUAAUCCU 13621 CUGACCUGA 10 UCACACAG CUCACACAC 13621 CUGACACAA 20 GUUUGUCA CUCACACAC 13623 UGUGUGAG 10 UCACACAG CUCACACAG CUCACACAG CUCACACAG CUCACACAG CUCACACAG CCACACAG CCACACAG <td>4</td> <td>Ö</td> <td>13610</td> <td>GGGCCCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAGAGCCG</td> <td>35895</td>	4	Ö	13610	GGGCCCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAGAGCCG	35895
109 CCCUCCUG G UUUCUUAG 13612 CUAAGAAA 84 AGAUCUUC G UGCUAAGA 13613 UCUUAGCA 73 AAGAAACA G CUGGACU 13615 AGUGCGAG 69 AACAGCUC G CUCGCACU 13615 AGUGCGAG 64 CUCGCACU G UGUUAAU 13616 ACACAGUG 62 CGCACUGU G UUAAUGU 13619 AAUUAACA 55 UGUUAAUU G UUGUUAAU 13619 AUUAACAA 52 UAUUGUU G UUAAUCCU 13629 AGGAUUAA 28 ACURCUAA G UUGGUCAG 13621 AUGAAUUAA 29 ACURCUAA G UUGGUCAG 13621 CUGACACAA 20 GUUUGUCA G CUCACACA 13621 UGUGGCCUGA 10 UCACACAG CUCACACAC 13621 UGUGGCGC 20 GUUUGUCA G CUCACACA 13623 UGUGGCGC 10 UCACACAG CCCACAG 13623 UGUGGCGC 10 UCACACAG CCCACACAG CCCACACAG CCCACACAG CCCACACAG 20 GUUUGUCA GCGCACACAG	4	Ö	13611	CAGGAGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCGGCAAG	35896
86 AGAUCUUC G UGCUAAGA 13613 UCUUAGCA 84 AUCUUCGU G CUAAGAA 13614 UUUCUUAG 73 AAGAAACA G CUCGCACU 13615 AGUGCGAG 69 AACAGCUC G CACUGUGU 13616 ACACAGUG 64 CUCGCACU G UGUUAAU 13617 AAUUAACA 55 UGUUAAUU G UUGUUAAU 13619 ACAAUUAA 52 UAUUGUU G UUAAUCCU 13619 AUUAACAA 28 ACURCUAA G UUGGUCAG 13621 AGGAUUAA 29 ACURCUAA G UUGGCCC 13621 CUGACCUGA 20 GUUUGUCA G CUCACACA 13623 UGUGGCGC 10 UCACACAG CUCACCACA 13623 UGUGGCGC 20 GUUUGUCA G CUCACACA 13623 UGUGGCGC 10 UCACACAG CCAAUCGCA 13623 UGUGGCGCC 10 UCACACAG GCGAACUG 14175 CAGUGCGC 10976 UGCCACUG CCCACAGC CCCACAGC CCCACAGC 10977 UGCCACAGC CCCACAGC CCCACA	4	O	13612		35897
84 AUCUUCGU G CUAAGAAA 13614 UUUCUUAGG 73 AAGAAACA G CUCGCACU 13615 AGUGCGAG 69 AACAGCUC G CACUGUGU 13616 ACACAGUG 64 CUCGCACU G UGUUAAU 13617 AAUUAACA 55 UGUUAAUU G UUGUUAAU 13619 ACAAUUAA 52 UAUUGUU G UUAAUCCU 13629 ACGAAUUAA 28 ACURCUAA G UUGGUCAG 13621 ACGAAUUAA 24 CURAGUUU G UCAGCUCA 13621 CUGACCUGA 20 GUUUGUCA G CUCACACA 13623 UGUGGUGA 10 UCACACAG GCGAACUGC 13623 UGUGGUGA 20 GUUUGUCA GCGAACUAC 13623 UGUGGUGA 10 UCACACAG GCGAACUCC 13624 GUAGUCGC 10 UCACACAG GCGAACUCC 13624 GUAGUCCC 10 UCACACAG GCGCACUC 14175 CAGUGCCC 10993 CCAUUGUC GCGCACUC 14176 CAACCCAGC 10976 GUGGCACUC <t< td=""><td></td><td>Ð</td><td>13613</td><td>UCUUAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAUCU</td><td>35898</td></t<>		Ð	13613	UCUUAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAUCU	35898
73 AAGAAACA G CUCGCACU 13615 AGUGCGAG 69 AACAGCUC G CACUGUGU 13616 ACACAGUG 64 CUCGCACU G UGUUAAUU 13617 AAUUAACA 62 CGCACUGU G UUAAUUGU 13618 ACAAUUAA 55 UGUUAAUU G UUGUUAAU 13619 AUUAACAA 52 UAAUUGUU G UUAAUCCU 13620 AGGAUUAA 28 ACUACUAA G UUGGCCG 13621 CUGACCAA 24 CUAAGUUU G UCAGCUCA 13621 CUGACCAAA 20 GUUUGUCA G CUCACACA 13623 UGUGGUGA 10 UCACACAG G CGAACUAC 13623 UGUGGUGG 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUGU G GCGCACUG 14176 CAACCCAGC 10972 UGCAUGUCG 14177 UGCACACAGC		D C	13614	UUUCUUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGAU	35899
69 AACAGCUC G CACUGUGU 13616 ACACAGUG 64 CUCGCACU G UGUUAAUU 13617 AAUUAACA 62 CGCACUGU G UGUUAAUU 13618 ACAAUUAA 55 UGUUAAUU G UUGUUAAU 13619 AUUAACAA 52 UAAUUGUU G UUAAUCCU 13620 AGGAUUAA 28 ACUACUAA G UUUGUCAG 13621 CUGACAAA 24 CUAAGUUU G UCAGCUCA 13622 UGAGCUGA 20 GUUUGUCA G CUCACACA 13623 UGUGUGAG 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUGU G GUUGUGA 14176 CAACCAGC	4	ט	13615	AGUGCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUUCUU	35900
64 CUCGCACU G UGUUAAUU 13617 AAUUAACA 62 CGCACUGU G UUAAUUGU 13618 ACAAUUAA 55 UGUUAAUU G UUGUUAAU 13619 AUUAACAA 52 UAAUUGUU G UUAAUCCU 13620 AGGAUUAA 28 ACUACUAA G UUGUCAG 13621 CUGACAAA 20 GUUUGUCA G CUCACACA 13622 UGUGGCGC 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUGU G GUUGGUGG 14176 CAACCAGC 10972 GUGUGGUG 14176 CAACCAGCC	4	0	13616	ACACAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCUGUU	35901
62 CGCACUGU G UDAAUUGU 13618 ACAAUUAA 55 UGUUAAUU G UUGUUAAU 13619 AUUAACAA 52 UAAUUGUU G UUGUUAAU 13620 AGGAUUAA 28 ACUACUAA G UUUGUCAG 13621 CUGACAUAA 24 CUAAGUU G UCAGCUCA 13622 UGAGCUGA 20 GUUUGUCA G CUCACACA 13623 UGUGUGAG 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC COAUGCGC 14176 10976 UGCCGUGU G GCUGGUUG 14176 CAACCAGC CAACAGC 10972 UGCCGUGU G GUUGUUGCA 14177 UGCACAGACCAACACACACACACACACACACACACACACA	_	0	13617	AAUUAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCGAG	35902
55 UGUUAAUU G UUGUUAAU 13619 AUUAACAA 52 UAAUUGUU G UUAAUCCU 13620 AGGAUUAA 28 ACUACUAA G UUGUCAG 13621 CUGACAAA 24 CUAAGUUU G UCAGCUCA 13622 UGAGCUGA 20 GUUUGUCA G CUCACACA 13623 UGUGUGAG 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUGU G GCUGGUUG 14176 CAACCAGC 10972 GUGUGGCG 14177 UGCACAACCAAC	4	Ö	13618	ACAAUUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGUGCG	35903
52 UAAUUGUU G UUAAUCCU 13620 AGGAUUAA 28 ACUACUAA G UUUGUCAG 13621 CUGACCAA 24 CUAAGUUU G UCAGCUCA 13622 UGAGCUGA 20 GUUUGUCA G CUCACACA 13623 UGUGUGAG 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUGU G GUUGUUG 14176 CAACCAGC 10972 GUGUGGCU G GUUGUUG 14176 CAACCAGC	_	Ð	13619	AUDAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUDAACA	35904
28 ACUACUAA G UUUGUCAG 13621 CUGACGAAA 24 CUAAGUUU G UCAGCUCA 13622 UGAGCUGA 20 GUUUGUCA G CUCACACA 13623 UGUGUGAG 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUGU G GCUGGUUG 14176 CAACCAGC 10972 GUGGUGGU G GUUGUGCA 14176 CAACCAGC		Ø	13620	AGGAUUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAUUA	35905
24 CURAGUUU G UCAGCUCA 13622 UGAGCUGA 20 GUUUGUCA G CUCACACA 13623 UGUGUGAG 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUGU G GCUGGUUG 14176 CAACCAGC 10972 GUGGUGCU G GUUGUGCA 14177 UGCACAAC		Ð	13621	CUGACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAGUAGU	35906
20 GUUUGUCA G CUCACACA 13623 UGUGUGAG 10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUGU G GCUGGUUG 14176 CAACCAGC 10972 GUGUGGCU G GUUGUGCA 14177 UGCACAAC		D	13622	1	35907
10 UCACACAG G CGAACUAC 13624 GUAGUUCG 10993 CCANUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUGU G GCUGGUUG 14176 CAACCAGC 10972 GUGUGGCU G GUUGUGCA 14177 UGCACAAC	_	O	13623	UGUGUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACAAAC	35908
10993 CCAUUGUC G GCGCACUG 14175 CAGUGCGC 10976 UGCCGUGU G GCUGGUUG 14176 CAACCAGC 10972 GUGUGGCU G GUUGUGCA 14177 UGCACAAC		Ö	13624	GUAGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGUGA	35909
10976 UGCCGUGU G GCUGGUUG 14176 CAACCAGC 10972 GUGUGGCU G GUUGUGCA 14177 UGCACAAC	7	9	14175	CAGUGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACAAUGG	35910
10972 GUGUGGCU G GUUGUGCA 14177 UGCACAAC	\dashv	D	14176	CAACCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGGCA	35911
0.200	一	٥	14177	UGCACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCACAC	35912

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10958	GCAGAGCA G AAGAUCUC	14179	GAGAUCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUGC	35914
10955	GAGCAGAA G AUCUCCUA	14180	UAGGAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUGCUC	35915
10936	CUAUCCCA G GUGUCAAU	14181	AUUGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAUAG	35916
10912	uuueuusu e eusuuuue	14182	CAAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAACAAA	35917
10902	UGUNUUGU G GCACGGGG	14183	CCCCGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAAACA	35918
10897	UGUGGCAC G GGGUCUCC	14184	GGAGACCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GUGCCACA	35919
10896	GUGGCACG G GGUCUCCA	14185	UGGAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCCAC	35920
10895	UGGCACGG G GUCUCCAC	14186	GUGGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGUGCCA	35921
10866	CUUCCCCU G ACCUACAG	14187	CUGUAGGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGGGGAAG	35922
10848	UNCAGUCA G GCUGGGCC	14188	GGCCCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACUGAA	35923
10844	GUCAGGCU G GGCCGUGC	14189	GCACGGCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGCCUGAC	35924
10843	UCAGGCUG G GCCGUGCA	14190	UGCACGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAGCCUGA	35925
10823	UAAACCGC G GGGUCUCC	14191	GGAGACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGUUUA	35926
10822	AAACCGCG G GGUCUCCU	14192	AGGAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCGGUUU	35927
10821	AACCGCGG G GUCUCCUC	14193	GAGGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCGGUU	35928
10790	UUCGCCCU G GUUAACAC	14194	GUGUUAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGCGAA	35929
10774	CCAUDACC G GGGUAGG	14195	CCUAGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAAUGG	35930
10773	O	14196	CCCUAGCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CGGUAAUG	35931
10772	AUUACCGG G GCUAGGGC	14197	GCCCUAGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCGGUAAU	35932
10767	Ø	14198	ACGCGGCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UAGCCCCG	35933
10766	вевесима в ессесеив	14199	CACGCGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUAGCCCC	35934
10758	eccecen e ececenne	14200	CAACGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCGGCC	35935
10757	Ö	14201		35936
10756	ъ	14202	ACCAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCACGCGG	35937
10750	ദേദേശവൻ ദ സ്വേദേശ	14203	AGGCAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGCCCC	35938
10722	ပ	14204	UAGUGCCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGAC	35939
10721	0	14205	AUAGUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAGGA	35940
10720	ccuccues e ecacuauc	14206	GAUAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAGG	35941
10708	CUAUCGCA G ACUGCACU	14207	AGUGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGAUAG	35942
10692	UCUCCGCA G AGUAGCAC	14208	guecuacu geaggaaacucccuucaaggacaucguccggg ugcggaga	35943
10673	CGUAGCGU G GUCUGACA	14209	UGUCAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCUACG	35944
10668	COUGGUCU G ACAUUGGG	14210	CCCAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACCACG	35945
10662	CUGACAUU G GGCUUUGA	14211	UCAAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGUCAG	35946
19901	UGACAUUG G GCUUUGAA	14212	UUCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUGUCA	35947
10655	O	14213	UGUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGCCCA	35948
10640	CAACAUGU G GGGUCCUC	14214	GAGGACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAUGUUG	35949
10639	AACAUGUG G GGUCCUCC	14215	GGAGGACC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CACAUGUU	35950
10638	ACAUGUGG G GUCCUCCU	14216	AGGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCACAUGU	35951
10626	בווייטטעטע ט טטווועטוויט	14217	DADDARD DODOCTIONIAN ACTIVIDED A ACTIVIDED A ACTIVIDED A A	25057

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406	10624	ccunccaa a acgaincu	14218	AGAACCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGAAGG	35953
409	10621	UCCGAGAC G GUUCUGAG	14219	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35954
415	10615	ACGGUUCU G AGGGCUUA	14220		35955
417	10613	GGUUCUGA G GGCUUACA	14221	· 1	35956
418	10612	GUUCUGAG G GCUUACAU	14222		35957
427	10603	GCUUACAU G GAUCACUU	14223		35958
428	10602	CUUACAUG G AUCACUUC	14224		35959
439	10591	CACUUCGC G GCUUUGUU	14225	AACAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAAGUG	35960
462	10568	GUCCUCCU G GGGUUGAG	14226	CUCAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGAC	35961
463	10567	uccuccue e eguudagu	14227	ACUCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAGGA	35962
464	10566	ccuccuee e euueaeuc	14228	GACUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAGG	35963
468	10562	CUGGGGUU G AGUCGCAG	14229	CUGCGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCCAG	35964
476	10554	GAGUCGCA G GCAGCACC	14230	1	35965
200	10530	CAACUUCC G GUGGCGGG	14231	CCCGCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGUUG	35966
503	10527	CUUCCGGU G GCGGAAC	14232	GUUCCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGGAAG	35967
206	10524	CCGGUGGC G GGAACUUC	14233	- 1	35968
507	10523	CGGUGGCG G GAACUUCC	14234	GGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCACCG	35969
208	10522	GGUGGCGG G AACUUCCC	14235		35970
517	10513	AACTUCCC G GCCUGACU	14236		35971
522	10508	CCCGGCCU G ACUUUCUC	14237		35972
622	10408	UNACAAUU G AUUAAAUA	14238	UAUTUDAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUGUAA	35973
681	10349	UCUTUDAGU G AACUCAUG	14239	CAUGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUAAAGA	35974
713	10317	UCAUCUCC G AUGAUUGC	14240	_	35975
716	10314	UCUCCGAU G AUUGCUCU	14241		35976
725	10305	AUUGCUCU G ACUUGGUU	14242	- 1	35977
730	10300	UCUGACUU G GUUGAUAG	14243	CUAUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUCAGA	35978
734	10296	ACTUGGUU G AUAGCCAC	14244	GUGGCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAAGU	35979
745	10285	AGCCACCU G GAUGUUUU	14245	- 1	35980
746	10284	GCCACCUG G AUGUUUUC	14246	- 1	35981
764	10266	GCCCACGU G GCUCGGGC	14247	- 1	35982
694	10261	canadana a acanana	14248	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35983
770	10260	angeance e canamen	14249	ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGAGCCAC	35984
787	10243	GCCAAUCA G GCUGCCAC	14250	- 1	35985
800	10230	O	14251		35986
819	10211	GUUUUCCU G AAUAUGGG	14252	- 1	35987
825	10205	CUGAAUAU G GGACGUCA	14253	- 1	35988
826	10204	UGAAUAUG G GACGUCAC	14254	ı	35989
827	10203	GAAUAUGG G ACGUCACU	14255	- 1	35990
849	10181	ucuccacu a agamma	14256	٦.	35991
850	10180	cuccacua a gaunuau	14257	ACAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUGGAG	35992

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┥	CCAAACAC G	14259	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35994
16101 668	11 CGGUUCCA G ACCUCCAA	14260	UUGGAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACCG	35995
943 10087	37 UCCUGCAU G GAUGGACC	14261	GGUCCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCAGGA	36658
944 10086	16 CCUGCAUG G AUGGACCA	14262	UGGUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGCAGG	35997
┢	GCAUGGAU G	14263	ACGUGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAUGC	35998
948 10082	2 CAUGGAUG G ACCACGUG	14264	CACGUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCCAUG	35999
956 10074	4 GACCACGU G GUUCUUCC	14265	GGAAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGUGGUC	36000
965 10065	SS GUUCUUCC G GUAGGGAC	14266	GUCCCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGAAC	36001
19001 696	11 UUCCGGUA G GGACCCAA	14267	UNGGGUCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UACCGGAA	36002
+-	to ucceduag g gacccaau	14268	AUUGGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACCGGA	36003
971 10059	L	14269	AAUUGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUACCGG	36004
-	16 AAUUCACA G GGACAGCG	14270	CGCUGUCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUGAAUU	36005
985 10045	L	14271	CCGCUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGAAU	36006
986 10044	14 UUCACAGG G ACAGCGGA	14272	UCCGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCUGUGAA	36007
992 10038	L	14273	AUTUGECUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGUCCC	36008
993 10037	7 GGACAGCG G AGCAAAUG	14274	CAUJUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUGUCC	36009
┢	GAGCAAAU G	14275	GCCAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGCUC	36010
1007 10023	3 AUGGCGUU G GCCAUGAG	14276	CUCAUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGCCAU	36011
1013 10017		14277	CUGCGGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUGGCCAA	36012
1021 10009	9 GAGCCGCA G GUCUCUUC	14278	GAAGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGCUC	36013
1033 9997	7 UCUUCUGU G GAAGUACA	14279	UGUACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAAGA	36014
1034 9996	H	14280	CUGUACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGAAG	36015
1042 9988	_	14281	GGCUGCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUACUUC	36016
1057 9973	_	14282	CUUAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGUGG	36017
1058 9972	2 CACAUCUG G GCAUAAGA	14283	UCUUADGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAUGUG	36018
1065 9965	S GGGCAUAA G ACUUAGCC	14284	GGCUAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUGCCC	36019
1075 9955	S CUUNGCCA G ACAAGCAG	14285	CUGCUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCUAAG	36020
_	L	14286	GGAACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGACACU	36021
_		14287	UGGAACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCGACAC	36022
1103 9927	7 UUCCAUCC G GCCCCUGG	14288	CCAGGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUGGAA	36023
1110 9920		14289	CAUAUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGGCCG	36024
1111 9919		14290	GCAUAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGGCC	36025
1113 9917	_	14291	UCGCAUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGGG	36026
-	AGAUAUGC G	14292	GCAGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAUAUCU	36027
L	coencene e	14293	UUCCAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGACAG	36028
1155 9875	_	14294	GGUGGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCCGAG	36029
1156 9874		14295	UGGUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGCCGA	36030
1184 9846	L	14296	GAAUUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAAAGA	36031
1106 3011				

e XII	
Table	

AAUGGUUU G AGCAAANU 14299 AUUUUGCU AGCAAANU G AACCUGCU 14301 AGCAGGUUC GCAAAANU G AACCUGCU 14302 GAAACCGU CGCAAAANU G AACGUUUC 14302 GAAACCGU CCACUCUUG G AUUUCCAC 14303 GUGGAACU CCACUCUUG G AUUUCCAC 14304 AAAGACAU GACUUUGC G AACCUUUC 14305 AAAGACAU GAACCUUU G ACAUAGCA 14306 CAAAGGUU GAACCUUU G ACAUAGCA 14306 CAAAGGUU GAACCUUU G ACAUAGCA 14306 CAAAGGUU GAACCUUU G ACAAAGCA 14310 UCCACUUCCU AGCAAAGC G AACCUUCCU 14311 UUUGCCACU GAGGAAGU G AACGUGGA 14312 ACCUCGCU AGCAAAGC G AUCCUUUC 14312 UUCACCUUC AGCAAAGC G AUCCUUUC 14312 UUCACCUUC AGCAAAGC G AUCCUUCC 14312 UUAGCCACU AGCCAAGC G GCAAACCA ACCUCGCAC ACCUCGCC AGCCAAGC G GCACAACCA ACCUCGCAC ACCUCGCAC AGCCAAGC G GCACCAGCA ACCCCACACACACACACACACACACACACACACACACA	1202 TOTT	ACUGARAO G GOODGAGC	14298	GCUCAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUCACU	36033
9815 AGCADANU G GAACCUGC 14301 AGCAGGUUC 9814 GCADARAU G AACCUGCU 14301 AGCAGGUU 9785 CAGUUGAC G GUUUCCAC 14303 GAAACACU 9789 CCAGUUGAC G GUUUCCAC 14303 GAAACAUC 9789 CCACUCUUG G AACCUUUG 14304 AAGAACAU 9749 GAACCUUU G AACCUUUG 14306 CAAAGGUU 9730 GAACCUUU G ACAUNGCA 14306 CAAAGGUU 9731 GAACUUGA G AACUGGA 14310 UCCACUUC 9730 AACAUUGA G AAGUGGA 14310 UCCACUUC 9731 AACAUUGA G AACGAGGA 14311 CCUCGCUC 9732 AACGAAGG G ACCACAGG 14311 UCCCACUU 9732 AACGAAGG G ACCACAGG 14314 UUUCACCC 9720 AACGAAGG G ACCACACAG 14314 UUUCACCC 9721 AACGAAGG G ACCUUACC 14315 UCCCACCU 9722 AACGAAGG G ACCCACACA 14314 UUUGCCCC 9723 UCCCCCCAG G GCCAAGGG 14314 UUCACACCA <tr< td=""><td> _</td><td>U G</td><td>14299</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36034</td></tr<>	_	U G	14299	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36034
9814 GCAAAAUG G AACCUGCU 14301 AGCAGGUU 9785 AUCCAGUU G ACGGUUCC 14303 GAAACCGU 9769 CCACUCUU G GAUGUCUU 14304 AAGACAUC 9769 CCACUCUU G AAUGUCUU 14305 AAGACAUC 9769 CCACUCUU G AACCUUUG 14306 CAAAGGUU 9779 GAACCUUU G AACCUUUG 14306 CAAAGGUU 9736 GACUUUGC G AACCUUUG 14306 CAAAGGUU 9737 GAGACUUUG G AAGUGGAG 14310 UCCACUUC 9736 AGCAUUGA G GAGGAGGU 14310 UCCACUUC 9727 AAGAAAGU G AAGUGGAG 14311 CCUCGCUC 9726 AAGGAAGU G AAGUGGAG 14311 UCCACACUC 9727 AAGGAAGU G AAGCGAGG 14311 UCCACACUC 9729 AAGGAAGGG G ACCOUUCA 14316 UCCACACC 9720 UCGUCCAGG G GCUUUACC 14316 UCACACGA 9721 AACAGAGGG G ACCOUUAC 14326 GAAAGGCC 960 UCCUCCACU ACCACAGGG G GCUUUACC 14326 GAA	<u> </u>	9	14300	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36035
9785 AUCCAGUU G ACGGUUUCCAC 14302 GAAACCGU 9762 CAGUUGAC G GUUUCCAC 14304 AAGACAUC 9769 CCACUCUU G AUGUCUUU 14304 AAGACAUC 9769 CACUCUUG G AUGUCUU 14305 AAAGACAU 97749 GACUUUGC G AACCUUG 14306 CACUUCCU 9739 AGAGAAGU G AAGUGGA 14307 UGCUUCCU 9730 AAGGCAUU G AAGUGGA 14310 UCCACUUC 9729 AGGAAGU G AAGUGGA 14311 CUCCACUUC 9720 AGGAAGU G AAGUGGA 14311 CUCCACUUC 9721 AGCAAGGG G AAGUGGA 14314 UUGCCACUC 9720 AGGAAGU G AAGUGGA 14314 UUGCCACUC 9721 AGCAAAGC G ACCUUAC 14316 UCCCACUUC 9720 AGGAAGGU G GCUUUAC 14316 UUCCCACUC 9721 AGCAAGGG G GCUUUAC 14320 AUGGCUUC 9720 AGCACAGG G GCUUUAC 14321 GACUCAGG 961 UCUCCACU 14320 AUGGCUCG 962	L	9	14301	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36036
9782 CAGUUGAC G GUUUCCAC 14304 AAGACAUC 9769 CCACUCUU G GAUGUCUU 14304 AAGACAUC 9769 CCACUCUU G GAUGUCUU 14305 AAAGACAU 9769 CACUCUUG G AUGUCUU 14306 CAAAGGUU 9749 GAACCUUU G ACAUAGCA 14306 CAAAGGUU 9736 AGACAUUGA G GAACGAGGU 14310 UCCACUUC 9729 AGAGAAGU G AAGUGGAA 14312 UCCACUUC 9720 AGAGAAGU G AAGUGGAA 14312 UCCACUUC 9721 AGAGAAGU G AAGUGGAA 14312 UCCACUUC 9720 AGAGAAGU G AAGUGGAA 14312 UCCACUUC 9720 AGAGAAGU G AACGAAGU 14312 UCCACUUC 9720 AGCAAAGC G AACGAAGU 14313 UGCCACCU 9721 AGCACACAG G GCAAUACC 14314 UUUGCCACU 9720 AGCACACAG G GCAAUACC 14312 GACUAAGC 9721 AGCACACAG G GCCAAUCC 14322 GACACAGC 9624 AACGACCAG GACCACAG 14324 GACACAGC	┞	D D	14302	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36037
9769 CCACUCUU G GAUGUCUU 14304 AAGACAUC 9768 CACUCUUG G AUGUCUU 14305 AAAGACAU 9756 CACUCUUG G AUGUCUUU 14306 CAAAGGUU 9749 GAACCUUG G AACCUUGG 14306 CAAAGGUU 9736 GACAUUGAG 14309 UGCUUCCU 9736 AGAGAUUGA G AAGUGGAG 14310 UCCCACUU 9725 AGCAUUGAG AAGUGGAGG 14313 UCCCACUU 9726 AGUGGAGG AGUGGAGG 14313 UCCCCCUUC 9727 AGUGGAGG AGUGGAGG 14313 UCCCCCCUUC 9728 AGUGGAGG AGUCGACGG 14313 UCCCCCCCU 9729 AGUGGAGG AUCGUCCA 14314 UUUGCCACU 9720 AGUCCACCA GCCAAAGC AUCGCCCC 9701 9721 AGCCAAGG GCCAAUGCCA 14316 GCCCACCCC 9720 AUCGCCCAG GCCAAUGCCA 14326 GACUCACCA 9721 ACGCCACGG GCCAAUCCCA GCCACAGGG GCCACAGGG	┝		14303	GUGGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAACUG	36038
9768 CACUCUUG G AUGUCUUU 14305 AAAGACAU 9757 GUCUUUGC G AACCUUG 14306 CAAAGGUU 9738 AUAGCAUU G ACAUAGCA 14307 UGCUAUGU 9738 AUAGCAUU G ACAUAGCA 14309 UGCUAUCCU 9736 AUAGCAUU G ACAUAGCA 14309 UCCACUUCCU 9736 AGCAUUGAG G AAGUGGAG 14310 UCCACUUCCU 9720 AGCAUUGAG G AAGUGGAG 14311 CUCCACUU 9720 AGCAAGGU G AAGUGGAG 14312 UCCCACUU 9721 AGCAAGGG G ACCUUACC 14313 UCCCACUU 9722 AGCAAGGG G ACCUUACC 14314 UUUGCCACU 9701 AGCCAUGC G ACAGCCAU 14326 AUGACCACU 9664 AGCCAUGC G ACAGCCAU 14320 AUGACCACU 9660 AUGCGCCAC ACCUUACC 14320 AUGACCACU 9660 AUGCGCCAC ACCUUACC 14320 AUGACCACU 9664 AGCCAUGC ACCUCCACU ACAGCACCO 9600 9660 AUGCCCACU ACAGCCCO </td <td>┝</td> <td></td> <td>14304</td> <td>AAGACAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAGUGG</td> <td>36039</td>	┝		14304	AAGACAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAGUGG	36039
9757 GUCUUUGC G AACCUUUG 14306 CAAAGGUU 9749 GAACCUUU G ACAUAGCA 14307 UGCUAUGU 9738 AUAGCAUU G ACAUAGCA 14307 UGCUAUGU 9736 AGAUGAAGU 14310 UCCACUUCCU 9735 AGCAUUGAG AAJ11 CCUCGCUC 9720 AGGAAGU G AGGGAGG 14311 CCUCGCUC 9721 AGGAAGCG AAGGGAGCA 14312 ACCUCGCU 9722 AGGAAGCG AGGGAGGU 14312 ACCUCGCU 9723 UGGAAGCG AGGGAGCA 14313 UCCCACUU 9724 AGCGAGCG AGGCGAGCA 14314 UUGGCCAC 9725 AGGAAGCG G AGCUUUAC 14314 UUGGCCAC 9726 AGCGAAGC G AGCUUUGC 14314 UUGGCCAC 9727 AGCCAAGC G ACCCACCA 14314 UUGGCCACCU 9728 AGCCAAGC G ACCCACCA 14326 GAAAGGCC 9660 AUCGCCACA 14322 GAAAGGCC <td< td=""><td>┝</td><td>ט</td><td>14305</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36040</td></td<>	┝	ט	14305	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36040
9749 GAACCUUU G ACAUNGCA 14307 UGCUAUGU 9738 AUNGCAUU G AGAAGUG 14308 CACUUCCU 9736 AGCAUUGAG G AAGUGGAG 14310 UCCACUUCCU 9735 GCAUUGAG G AAGUGGAG 14311 CUCCACUUC 9720 AGGAAGUG G AGCGAGGU 14312 ACCUCGCU 9721 AGGAAGUG G AGCGAGGU 14313 UCCACCCU 9722 AGGAAGCG G AGCGAGGU 14313 UCCCACCU 9723 UGGAAGCG G AGCGUUAA 14314 UUGGCCAC 9724 AGCGAAGC G G GCUUUAC 14314 UUGGCCAC 9725 AGCGAAGC G G GCUUUAC 14314 UUGGCCAC 9720 AGCCAAGC G G GCUUUAC 14314 UUGGCCAC 9721 GGCCAAAGC G GCUUUAC 14314 UUGGCCAC 9701 CGUCCACG G GCUUUACC 14314 UUGGCCAC 9660 AUCCUCCAC 14320 AUGGACGCC 9675 UCCCCACAG G GCCCUUUC 14324 GCCAAAGGC 9670 AGCACUUC GCCCACUUC 14326 GAAAGGAC <td>-</td> <td>Ø</td> <td>14306</td> <td>CAAAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAAGAC</td> <td>36041</td>	-	Ø	14306	CAAAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAAGAC	36041
9738 AUNGCAUU G AGGAAGUG 14308 CACUUCCU 9736 AGCAUUGAG G AAGUGGAG 14310 UCCACUUC 9735 GCAUUGAG G AAGUGGAG 14311 CUCCACUU 9729 AGGAAGUG G AGCGAGGU 14312 ACCUCGCUC 9729 AGGAAGUG G AGCGAGGU 14313 UCCCACUU 9720 AGGAAGUG G AGCGAGGU 14313 UGCCACCU 9721 AGCGAGGU G GCAAAGCG 14314 UUUGCCACU 9720 AGCGAGGU G GCUUUAC 14316 UUGGACCACU 9701 AUCGUCCACG G GCUUUACC 14321 GGAACAGCC 9601 AUCGUCCACG G GCUUUACC 14320 AUGGACGAC 9624 AGCCAUGG G GCUUUACC 14321 GGUAAAGCC 9630 AUCCUCCACU G ACCUUUACC 14324 CCCAAAAGU 9640 AGCCAUUG G GCCUUUCC 14324 CCCAAAAGU 9650 AUGCGACCU GACCCAUUU 14324 ACCAAAGGAC 9618 CUGACCUUU GACCCAUUU 14324 CCCAAAAGU 9619 AACACCAUU GACCCAUUU	┝		14307	UGCUAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGUUC	36042
9736 AGCAUUGA G GAAGUGGA 14319 UCCACUUC 9735 GCAUUGAG G AAGUGGAG 14310 CUCCACUU 9729 AGGAAGU G GAGCGAGU 14312 ACCUCGCUC 9729 AGGAAGU G AGCGAGU 14312 ACCUCGCUC 9725 AGUGGAGU G AGCGAGA 14313 UGCCACCU 9720 AGCGAAGC G AUCGUCCA 14314 UUUGCCACC 9701 AGCGAAGC G AUCGUCCA 14316 UGGACCACC 9702 AGCGAAGC G AUCGUCCA 14316 UGGACCACC 9701 AUCGUCCAG G GCUUUACC 14316 UGGACCACC 9602 UCGUCCACG G GCUUUACC 14320 AUGGACCG 9613 AUCGCCACG G GCUUUACC 14321 GACACCAGC 9624 AGCCAUGC G GCUUACC 14322 GAAAGGCC 9629 AUGCCAUGC G GCUUUACC 14322 GAAAGGACC 9620 AUGCCAUUC ACCCCAUUC 14322 GAAAGGAC 9624 AGCCAUUGC G GCUCUUC 14322 GAAAGGAC 9618 CUGACUUUG G GCCCAUUC 14326 GAAAGGAC <td>┞</td> <td>D D</td> <td>14308</td> <td>CACTUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGCUAU</td> <td>36043</td>	┞	D D	14308	CACTUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGCUAU	36043
9735 GCAUUGAG G AAGUGGAG 14310 CUCCACUU 9720 GAGGAAGU G GAGCGAGG 14311 CCUCGGUC 9729 AGGAAGU G AGCGAGG 14312 ACCUCGCUC 9729 AGGAAGU G AGGGAGAA 14313 UGCCACCU 9720 AGUGGAGU G GCAAAGCG 14314 UUUGCCACU 9721 AGCGAAGC G AUCGUCCA 14316 UUGGCCACU 9702 AUCGUCCAG G GCCUUUAC 14319 GGCUUUGC 9703 AUCGUCCAG G GCCUUUAC 14319 GGUAAAGCC 9604 AUCGUCCAG G GCCUUUAC 14320 AUGGCCGC 9675 UCUCCACU G ACAGCCAU 14321 GGUAAAGCC 9675 UCUCCACU G ACAGCCAU 14329 GGUAAAGCC 9675 UCUCCACU G ACUCUUCC 14329 GGUAAAGCC 9660 AUGCGCACU ACUCUUGCC 14321 GACUCAGCC 9675 UCUCCACU ACUCUUGCC 14324 GCCAAAGCC 960 AUGCGUCCAC ACUCUUGCC 14324 GCCAAAGCC 960 AUGCCACUU GCCCAAUUCC	-	o	14309	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36044
9730 GAGGAAGU G GAGCGAGG 14311 CCUCGCUC 9729 AGGAAGUG G AGCGAGGU 14312 ACCUCGCUC 9729 AGGAAGUG G AGCGAGGU 14312 ACCUCGCU 9720 AGCGAGGU G GCAAAGCG 14314 UUUGGCCC 9720 AGCGAAGC G AUGUCCA 14316 UUGGACGAC 9703 AUCGUCCA G ACCUUUAC 14316 UUGGACGAC 9703 AUCGUCCA G ACCUUUAC 14319 GGUAAAGCC 9703 AUCGUCCA G ACCUUUAC 14319 GGUAAAGCC 9704 AUCGUCCAG G GCCUUUAC 14319 GGUAAAGCC 9605 UCUCCACU G ACCCAGC 14320 AUGGCCGC 9616 AUCCCAUGC G GCCUUUAC 14321 GACCCAGC 962 AUGCCAUGC G GCCCAGC 14322 GAAAGGAC 963 AUGCCAUGC G GCCCAGC 14324 AUGCCAGC 960 AUGCCAUGC G GCCCAGC 14324 AUGCAGGAC 961 AUGCCAUUG G GCCC	┞	Ø	14310	CUCCACUU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUCAAUGC	36045
9729 AGGAAGUG G AGCGAGGU 14312 ACCUCGCU 9725 AGUGGAGGA 14313 UGCCACCU 9725 AGUGGAGGA 14314 UUUGCCACC 9720 AGCGAGGU GCAAAGCG 14315 UGGCCACCU 9702 AGCGAAGC AUGGCCAU 14316 UGGACGAU 9703 AUCGUCCAG GGCUUUACC 14319 GGUAAAGCC 9704 UCGUCCAG GGCUUUACC 14319 GGUAAAGCC 9705 UCGUCCAG GGCUUUACC 14319 GGUAAAGCC 9606 AUCUCCACU ACGCCAUGC GGCCAUGC GGUAAAGCC 9610 AUGCCAUGC GCCUAGGCC 14320 AUGGCCGC 9660 AUGCCAUGC GCUCCAGC 14321 GACUCAGCC 9660 AUGCCAUGC GCUCCAGC 14322 GAAAGGAC 9670 AUGCCAUGC GCUCCAGCC 14324 GCCCAAAGU 9610 AUGCCAUUG GCCCAAUCC 14324 GCCCAAAGU 9610 AUGCCUUUG GCCCAAUCC <t< td=""><td> -</td><td>n D</td><td>14311</td><td>CCUCGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUCCUC</td><td>36046</td></t<>	-	n D	14311	CCUCGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUCCUC	36046
9725 AGUGGAGC AAGUGGCAAA 14313 UGCCACCU 9723 UGGAGCGAA 14314 UUUGCCACC 9720 AGCGAGGU GCAAAGCG 14315 CGCUUUGC 9712 GGCAAAGC AUGGCCAC 14316 UUUGCCACC 9703 AUCGUCCAG GGGCUUUAC 14319 GGUAAAGCC 9704 UCGUCCAG GGCUUUACC 14319 GGUAAAGCC 9705 UCGUCCAG GGCUUUACC 14319 GGUAAAGCC 9675 UCUCCACU G ACAGCCAU 14320 AUGGCCGC 9660 AUGUCCAGU G ACUCCAGU 14320 AUGGCCGC 9660 AUGCCAUGC G GCUGAGUC 14321 GACUCCAGC 9660 AUGCGAUGC G GCUCCAGC 14322 GAAAGGAC 9670 AUGCCAUGC G GCUCCAGC 14324 CCCCAAAGU 9610 AUGCCUUUG G GCCCAUUC 14324 ACCAAAGCC 9610 AUGCCUUUG G GCCCAAUCC 14326 GAAAGGAC 9610 CCU	┞	0	14312	ACCUCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUUCCU	36047
9723 UGGAGCGA G GUGGCAAA 14314 UUUGCCAC 9720 AGCGAGGU G GCAAAGCG 14315 CGCUUUGC 9712 GGCAAAGC G AUCGUCCA 14316 UGGACGAU 9703 AUCGUCCAG G GCUUUAC 14317 UAAAGCC 9701 CGUCCAGG G GCUUUACC 14319 GGUAAAGC 9604 AGCCAUGG G GCUUUACC 14320 AUGGCCG 9607 UCUCCACU G ACAGCCAU 14320 AUGGCCGG 960 AUGCGCCU ACAGCCAU 14320 AUGGCCGG 960 AUGCGCCU GCUCCAGC 14321 GCUCCAGC 960 AUGCGCCAU ACAGCCAU 14322 GAAAGGCC 960 AUGCGCCU GCUCCUUCC 14323 GUCCAGGC 961 AACAGCCA GCUCCUUCC 14324 CCCCAAAGU 961 AACAGCCA GCUCCUUCC 14324 CCCCAAAGU 961 CCUUUUGC GCUCCUUCC 14324 CCCCAAAGU 961 CCUUUUGG GCCCAAUCC 14324 CCCCAAAGU <t< td=""><td>├-</td><td>D U</td><td>14313</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36048</td></t<>	├-	D U	14313	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36048
9720 AGCGAGGU G GCAAAGCG 14315 CGCUUUGC 9712 GGCAAAGC G AUCGUCCA 14316 UGGACGAU 9703 AUCGUCCAG G GGCUUUAC 14317 UAAAGCCC 9702 UCGUCCAGG G GGCUUUAC 14319 GGUAAAGCC 9604 AGCCAUGG G GCUUUACC 14319 GGUAAAGCC 9605 UCUCCACU G ACAGCCAU 14320 AUGGCCUGU 9606 AUGGCGCU G ACUUUACC 14321 GACUCAGC 9600 AUGCGGCU G ACUUUACC 14322 GAAAGGACU 9610 AACAGCCA G GUCCUUUC 14323 GUCAGGACU 9624 CAGGUCCU G ACUUUGGG 14324 CCCCAAAGU 9610 AACAGCCA G GUCCUUUC 14323 GUCAGGAC 9610 CAGGUCCUU GCUCCUUUC 14324 CCCCAAAGU 9610 CAGGUCCU GCUCCUUUC 14324 CCCCAAAGU 9610 CCUUUUGU G GUCCUUUC 14324 CCCCAAAGU 9610 CCUUUUGU G GUCCUUUC 14326 GAAGGACC 9520 AUCAUUUG G GCCAAUC 14326	┞	o	14314	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36049
9712 GGCAAAGC G AUCGUCCA 14316 UGGACGAAGC 9703 AUCGUCCA G GGCUUUA 14317 UAAAGCCC 9702 UCGUCCAG G GGCUUUAC 14318 GUAAAGCC 9701 CGUCCAGG G GCUUUAC 14319 GGUAAAGC 9675 UCUCCACU G ACAGCCAU 14320 AUGGCUGU 9664 AGCCAUGC G GCUUAACC 14321 GACACCAGC 9660 AUGGGGCU G ACUUUAC 14322 GAAAGGAC 9610 AACAGCCA G GUCCUUUC 14322 GAAAGGAC 9624 CAGGUCCU AACAGCCA G GUCCUUUC 14323 GUCAGGAC 9618 CAGGUCCU ACUUUGGG 14324 CCCCAAAGU 9619 CAGGUCCU ACUUUGGG GUCCUUUC 14324 CCCCAAAGU 9610 CAGUUUGG GUCCUUUC 14325 AAAGGACC 9610 CCUUUUGG GUCCUUUC 14326 GAAGGACC 9610 CCUUUUGG GCCCAAUC 14326 GAAGGACC 9521 AACAGCCUG GCCCAAACU 14332 AACCAGCG	-	D	14315	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36050
9703 AUGGUCCA G GGCUUUA 14317 UAAAGCC 9702 UCGUCCAG G GGCUUUAC 14318 GUAAAGC 9701 CGUCCAGG G GCUUUACC 14319 GGUAAAGC 9675 UCUCCACU G ACAGCCAU 14320 AUGGCUGU 9664 AGCCAUGC G GCUUAACC 14321 GACUCAGC 9660 AUGCGGCU G ACUUUACC 14322 GAAAGGACU 9630 AACAGCCA G GUCCUUUC 14322 GAAAGGACU 9618 CAGGUCCU G ACUUUGGG 14323 GUCAGGAC 9619 CAGGUCCU G ACUUUGGG 14324 CCCCAAAGU 9610 CCUUUUGU G GUCCUUUC 14325 AAAGGACC 9610 CCUUUUGU G GUCCUUUC 14326 GAAAGGAC 9610 CCUUUUGU G GUCCUUUC 14326 GAAAGGAC 9610 CCUUUUGU G GUCCUUUC 14326 GAAAGGAC 960 CCUUUUGU G GUCCAAUC 14326 GAAAGGAC 951 AUCAGCUU GCCCAAUC 14336 GAAAGGAC 9540 ACCAGCUG GCCAAGUC 14331 UCGCCCAA	┡	Q	14316	UGGACGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUGCC	36051
9702 UCGUCCAGG G GCUUUACC 14318 GUAAAGCC 9701 CGUCCAGG G GCUUUACC 14319 GGUAAAGC 9675 UCUCCACU G ACAGCCAU 14320 AUGGCUGU 9664 AGCCAUGC G GCUGAGUC 14321 GACUCAGC 9660 AUGCGGCU G ACUUUGC 14322 GAAAGGACU 9610 AACGGCCA G GUCCUUUC 14323 GUCAGGAC 9610 CAGGUCCU 14323 GUCAGGAC 9610 CAGGUCCU 14323 GUCAGGAC 9610 CAGGUCCU 14324 CCCAAAGGAC 9610 CAGGUCCU 14324 CCCAAAGGAC 9610 CAGGUCCU ACUUUGGG ACCAGGAC 9610 CACUUUGU GCCCAAUC 14326 GAAAGGAC 9610 CACUUUGU GCCCAAUC 14326 GAAAGGAC 9610 CAUUUUGU GCCCAAUC 14326 GAAAGGAC 9521 AACAGCUG GCCAAUC 14331 UCGCCGU 9522 AGCGGCCA GCCAGGU 14332 ACCUCCAC <td>┝</td> <td>Ø</td> <td>14317</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36052</td>	┝	Ø	14317	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36052
9701 CGUCCAGG G GCUUVACC 14319 GGUAAAGC 9675 UCUCCACU G ACAGCCAU 14320 AUGGCUGU 9664 AGCCAUGC G GCUGAGUC 14321 GACUCAGC 9660 AUGGGGCU G AGUCUUUC 14322 GAAAGGACU 9610 AACAGCCA G GUCCUUUC 14323 GUCAGGACU 9618 CUGAGUCCU G ACUUUGGG 14324 CCCAAAGU 9619 CUGACUUU G GUCCUUUC 14325 AAAGGACC 9610 CUGAUUUGU G GUCCUUUC 14326 GAAAGGAC 9610 CCUUUUGU G GUCCUUUC 14326 GAAAGGAC 9610 CCUUUUGU G GUCCUUUC 14326 GAAAGGAC 9610 CCUUUUGU G GUCCAAUC 14326 GAAAGGAC 9580 AUCAUCUUG G GCCAAUC 14329 UGGCCGU 9541 CACCAGCU G GCCAAUC 14331 UGGCCGU 9540 ACCAGCUG G GCCAGGU 14332 ACCUGGC 9537 AGCUGGAC G GUUGGUGA 14333 UCACCAAC 9528 GCCAGGUU G GUGAAAGU 14334 ACUUCCAC	_	Ø	14318	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36053
9675 UCUCCACU G ACAGCCAU 14320 AUGGCUGU 9664 AGCCAUGC G GCUGAGUC 14321 GACUCAGC 9660 AUGCGGCU G AGUCUUUC 14322 GAAAGACU 9630 AACAGCCA G GUCCUUUC 14323 GUCAGGAC 9618 CAGGUCCU ACUUUGGG 14324 CCCCAAAGU 9610 CUGACUUU G GCUCCUUU 14325 AAAGGACC 9610 CUGACUUU G GCUCCUUU 14326 GAAAGGAC 9600 CCUUUUGU G GCCCAAUC 14326 GAAAGGAC 9581 CAUCAUUG G GCCCAAUC 14326 GAAAGGAC 9581 CAUCAUUG G GCCCAAUC 14326 GAAAGGAC 9581 CAUCAUUG G GCCCAAUC 14326 GAAAGGAC 9581 CACCAGCU G GCCCAAUC 14326 GAAAGGAC 9541 CACCAGCU G GCCCAAUC 14331 UCGCCGU 9537 AGCUGGAC G GCCAGGU 14332 ACCUGCC 9528 GCCAGGUG G GCCAGGU 14334 ACUUUCAC 9528 AGCUGGAC G GCCAGGU 14335 ACCUACCCC	L	Ð	14319	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36054
9664 AGCCANGG G GCUGAGUC 14321 GACUCAGG 9660 ANGGGGCU G AGUCUUUC 14322 GAAAGACU 9630 AACAGCCA G GUCCUUUC 14323 GUCAGGAC 9618 CAGGUCCU G ACUUUGGG 14324 CCCAAAGU 9619 CUGACUUU G GGUCCUUUC 14325 AAAGGACC 9610 CCUUUUGU G GUCCUUUC 14326 GAAAGGAC 9600 CCUUUUGU G GUCCANC 14326 GAAAGGAC 9581 CAUCAUUG GCCAANC 14326 GAAAGGAC 9580 AUCAUUGG GCCAANC 14328 GAUGGACC 9541 CACCAGCG GCCAANC 14329 UGACCGUC 9540 ACCAGCUG GCCAANC 14329 UGACCGUC 9541 CACCAGCU GCCAAGUC 14331 UCACCAAC 9552 AGCUGGAC GCCAAGUU 14332 ACCUGCC 9526 AGCUGGAC GUUGGUG 14334 ACUUCCAAC 9526 AGGUUGGAC GUUGGAC 14336 ACUUCCAAC 95		Ð	14320	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36055
9660 ANGEGGCU G AGUCUUUC 14322 GAAAGACU 9630 AACAGCCA G GUCCUGAC 14323 GUCAGGAC 9624 CAGGUCCU G ACUUUGGG 14324 CCCAAAGU 9618 CUGACUUU G GGUCCUUUC 14325 AAAGGACC 9610 UGACUUUG G GUCCUUUC 14326 GAAAGGAC 9600 CCUUUUGU G AGUUUCUC 14326 GAAAGGAC 9581 CAUCAUUG G GCCAAUC 14328 GAUGGACC 9580 AUCAUCUG G GCCAAUC 14328 GAUGGCC 9541 CACCAGCU G GCCAAUC 14329 UGAUUGGC 9540 ACCAGCUG G GCCAAUC 14331 CUGCCGU 9540 ACCAGCUG G GCCAAUC 14332 AACCUGGC 9537 AGCUGGAC G GCCAGGU 14333 UCACCAAC 9528 GCCAGGUU G GCCAGGU 14334 ACUUUCAC 9528 AGCUGGAC G GUUGGUG 14334 ACUUUCAC 9526 AGGUUGGU AAAGUGUU 14335 ACUUCCAC 9514 AGGUUUGG GACGCAGG 14336 CCUACCCC	_	ō	14321	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36056
9630 AACAGCCA G GUCCUGAC 14323 GUCAGGAC 9624 CAGGUCCU G ACUUUGGG 14324 CCCAAAGU 9618 CUGACUUU G GGUCCUUU 14325 AAAGGACC 9617 UGACUUUGU G GUCCUUUC 14326 GAAAGGAC 9500 CCUUUUGU G GUCCAUC 14327 GAGAACU 9581 CAUCAUCU 14328 GAUUGGC 9580 AUCAUCUG G GCCAAUC 14328 GAUUGGC 9541 CACCAGCU G GCCAAUCA 14339 UGACUGGC 9540 ACCAGCUG G GCCAAGUU 14331 CUGCCGU 9537 AGCUGGAC G GCCAAGUU 14332 AACCUGGC 9538 GCCAGGUU G GCCAAGUU 14334 ACUUUCAC 9528 GCCAGGUU G GUGAAAGU 14334 ACUUUCAC 9525 AGGUUGGU G AAAGUGUU 14335 AACACCUU 9514 AGUUUUAG G GCCUAGG 14336 CCUACCCC 9525 AGGUUGGU G AAAGUGUU 14335 ACCUACCCC 9514 AGUUUUAG G GCCUAGG 14336 CCUACCCC 9513 <td> -</td> <td>O</td> <td>14322</td> <td>GAAAGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGCAU</td> <td>36057</td>	-	O	14322	GAAAGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGCAU	36057
9624 CAGGUCCU G ACUUUGGG 14324 CCCAAAGU 9618 CUGACUUU G GGUCCUUU 14325 AAAGGACC 9617 UGACUUUG G GUCCUUUC 14326 GAAAGGAC 9600 CCUUUUGU G GUCCAAUC 14328 GAGAAACU 9581 CAUCAUCU G GCCAAUC 14328 GAUUGGCC 9580 AUCAUCUG G GCCAAUC 14329 UGAUUGGC 9541 CACCAGCU G GCCAAUCA 14329 UGAUUGGC 9540 ACCAGCUG G ACCAGGU 14332 AGCCGCG 9537 AGCUGAC GCCAGGU 14332 ACCUGCG 9538 GCCAGGU GCCAGGU 14333 UCACCAAC 9530 AGCUGGCC GUUGGUGA 14333 UCACCAAC 9531 AGCUGGCC GUUGGUGA 14334 ACUUUCAC 9528 AGCUGGU AAAGUGUU 14335 AACACCUU 9514 AGUGUUUA GCGCUAGG 14336 CCUACCCC 9514 AGUGUUUA GCGCUAGG 14336 CCUACCCC 9513 G	├-	Ø	14323	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36058
9618 CUGACUUU G GGUCCUUUC 14325 AAAGGACC 9617 UGACUUUG G GUCCUUUC 14326 GAAAGGAC 9600 CCUUUUGU G GUCCAUUC 14327 GAGAAACU 9581 CAUCAUCU G GCCAAUC 14328 GAUUGGCC 9580 AUCAUCUG G GCCAAUCA 14329 UGAUUGGC 9541 CACCAGCU G GACGGCCA 14330 UGGCCGUC 9540 ACCAGCUG G ACGGCCAG 14331 CUGGCCGU 9537 AGCUGGAC G GUUGGUGA 14332 AACCUGGC 9532 GACGGCCA G GUUGGUGA 14333 UCACCAACUU 9528 GCCAGGUU G GUGAAAGU 14333 ACUUUCAC 9528 AGGUUGGU G GUGAAAGU 14334 ACUUUCAC 9528 AGGUUGGU G AAAGUGUU 14334 ACUUUCAC 9524 AGGUUGGU G AAAGUGUU 14335 AACCACUUU 9514 AGUUUUAG G GCGUAGG 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGG 14336 CCUACGCC	-	Ö	14324	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36059
9617 UGACUUUG G GUCCUUUC 14326 GAAAGGAC 9600 CCUUUUGU G AGUUUCUC 14327 GAGAAACU 9581 CAUCAUCU G GCCAAUC 14328 GAUUGGC 9580 AUCAUCUG G GCCAAUCA 14329 UGAUUGGC 9541 CACCAGCUG G ACGGCCA 14330 UGGCCGUC 9540 ACCAGCUG G ACGGCCAG 14331 CUGGCCGU 9537 AGCUGGAC G GUUGGUGA 14332 AACCUGGC 9532 GACGGCCA G GUUGGUGA 14333 UCACCAACUU 9528 GCCAGGUU G GUGAAAGU 14334 ACUUUCAC 9524 AGGUUGGU G AAAGUGUU 14334 ACUUUCAC 9524 AGGUUGGU G AAAGUGUU 14334 ACUUUCAC 9524 AGGUUGGU G AAAGUGUU 14335 AACCACUUU 9514 AGUUUUAG G GCGUAGG 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGG 14336 CCUACGCC	_	D G	14325	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36060
9600 CCUUUUGU G AGUUUCUC 14327 GAGAAACU 9581 CAUCAUCU G GCCCAAUC 14328 GAUUGGCC 9580 AUCAUCUG G GCCAAUCA 14329 UGAUUGGCC 9541 CACCAGCUG G ACGGCCA 14330 UGGCCGUC 9540 ACCAGCUG G ACGGCCAG 14331 CUGGCCGU 9537 AGCUGGAC G GUUGGUGA 14332 AACCUGGC 9532 GACGGCCA G GUUGGUGA 14333 UCACCAAC 9528 GCCAGGUU G GUGAAAGU 14334 ACUUUCAC 9525 AGGUUGGU G AAAGUGUU 14334 ACUUUCAC 9514 AGUGUUUA G GCGUAGG 14335 AACACUUU 9514 AGUGUUUA G GCGUAGG 14336 CCUACGCC 9513 GUGUUAGG 14336 CCUACGCC		ტ ტ	14326	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36061
9581 CAUCAUCU G GCCCAAUC 14328 GAUUGGCC 9580 AUCAUCUG G GCCAAUCA 14329 UGAUUGGC 9541 CACCAGCUG G ACGGCCA 14330 UGGCCGUC 9540 ACCAGCUG G ACGGCCAG 14331 CUGGCCGU 9537 AGCUGGAC G GCCAGGUU 14332 AACCUGGC 9532 GACGGCCA G GUUGGUGA 14333 UCACCAAC 9528 GCCAGGUU G GUGAAAGU 14334 ACUUUCAC 9525 AGGUUGGU G AAAGUGUU 14334 ACUUUCAC 9514 AGUGUUUA G GCGUAGG 14335 AACACUUU 9513 GUGUUAGG 14336 CCUACGCC	H		14327	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36062
9580 AUCAUCUG G GCCAAUCA 14329 UGAUUGGC 9541 CACCAGCU G GACGGCCA 14330 UGGCCGUC 9540 ACCAGCUG G ACGGCCAG 14331 CUGGCCGU 9537 AGCUGGAC G GCCAGGUU 14332 AACCUGGC 9532 GACGGCCA G GUUGGUGA 14333 UCACCAAC 9528 GCCAGGUU G GUGAAAGU 14334 ACUUUCAC 9525 AGGUUGGU G AAAGUGUU 14335 AACACUUU 9514 AGUGUUUA G GCGUAGG 14336 CCUACGCC 9513 GUGUUAGG G GCGUAGG 14336 CCUACGCC	┞	o	14328		36063
9541 CACCAGCU G GACGGCCA 14330 UGGCCGUC 9540 ACCAGCUG G ACGGCCAG 14331 CUGGCCGU 9537 AGCUGGAC G GCCAGGUU 14332 AACCUGGC 9532 GACGGCCA G GUUGGUGA 14333 UCACCAAC 9528 GCCAGGUU G GUGAAAGU 14334 ACUUUCAC 9525 AGGUUGGU G AAAGUGUU 14335 AACACUUU 9514 AGUGUUUA G GCGUAGG 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGG 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGG 14336 ACCUACGCC	┞	O	14329	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36064
9540 ACCAGCUG G ACGGCCAG 14331 CUGGCCGU 9537 AGCUGGAC G GCCAGGUU 14332 AACCUGGC 9532 GACGGCCA G GUUGGUGA 14333 UCACCAAC 9528 GCCAGGUU G GUGAAAGU 14334 ACUUUCAC 9525 AGGUUGGU G AAAGUGUU 14335 AACACUUU 9514 AGUGUUUA G GCGUAGG 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGGU 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGGU 14336 ACCUACGCC	┞	o D	14330	. 1	36065
9537 AGCUGGAC G GCCAGGUU 14332 AACCUGGC 9532 GACGGCCA G GUUGGUGA 14333 UCACCAAC 9528 GCCAGGUU G GUGAAAGU 14334 ACUUUCAC 9525 AGGUUGGU G AAAGUGUU 14335 AACACUUU 9514 AGUGUUUA G GCGUAGG 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGGU 14337 ACCUACGCC	┝	D D	14331	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36066
9532 GACGGCCA G GUUGGUGA 14333 UCACCAAC 9528 GCCAGGUU G GUGAAAGU 14334 ACUUUCAC 9525 AGGUUGGU G AAAGUGUU 14335 AACACUUU 9514 AGUGUUUA G GCCGUAGG 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGGU 14337 ACCUACGCC	┝	0	14332	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36067
9528 GCCAGGUU G GUGAAAGU 14334 ACUUUCAC 9525 AGGUUGGU G AAAGUGUU 14335 AACACUUU 9514 AGUGUUUA G GCGUAGG 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGGU 14337 ACCUACGC	⊢	o	14333	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36068
9525 AGGUUGGU G AAAGUGUU 14335 AACACUUU 9514 AGUGUUUA G GCCGUAGG 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGGU 14337 ACCUACGC	-	o n	14334	ACUUUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCUGGC	36069
9514 AGUGUUUA G GCCGUAGG 14336 CCUACGCC 9513 GUGUUUAG G GCGUAGGU 14337 ACCUACGC	<u> </u>	ט	14335	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36070
9513 GUGUUUAG G GCGUAGGU 14337 ACCUACGC	-	ø	14336	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36071
	517 9513	GUGUUUAG G GCGUAGGU	14337	ACCUACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAAACAC	36072

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9 ACRACTUG 14319 CARGUIGU GBAGGARACUCCCUUCAAGGACAUCGUCGGG 9 AUCUUCUC 14340 GAGARAGAU GBAGGARACUCCCUUCAAGGACAUCGUCCGGG 6 GAGAUNAAC 14341 GAGARACACUCCCUUCAAGGACAUCGUCCGGG 6 GAGAUNAAC 14342 UUUACUCU GAGAGAAACUCCCUUCAAGGACAUCGUCGGG 6 GAGAUACUC 14343 GAGAGAAACUCCCUUCAAGGACAUCGUCGGG 6 AUGGUUCU 14344 AGAACCGU GAGAGAAACUCCCUUCAAGGACAUCGUCGGG 6 AUGGUUC 14344 AGAGACGC GAGAGAAACUCCCUUCAAGGACAUCGUCCGGG 6 GCGCAUCA 14349 AGAGAGAACUCCCUUCAAGGACAUCGUCCGGG 6 GCGCAUCA 14340 UCACCUUD GAGAGAAACUCCCUUCAAGGACAUCGUCGGG 6 GCGCAUCA 14347 UCACCUUD GAGAGAAACUCCCUUCAAGGACAUCGUCGGG 6 GCGCAUCA 14354 GAGAGAAACUCCCUUCAAGGACAUCGUCGGG 6 GCGCAUCA 14354 UCACCCGG GAGAGAAACUCCCUUCAAGGACAUCGUCGGG 6 GCCCCAGA 14355 AUCACCCGG GAGACCAC GAGAGAAACUCCCCUUCAAGGACAUC	1523 9507	AGGGCGUA G GUGACAAC	14338	GITTGITCAC GGAGGAAACTICCCITTCAAGGACATICGTCCTCTT	36073
9481 CCCCCUCUR O AUDULUCUC 14340 GRADAGAN UGRADAACUCCAUCAAGGACUCCUCCAGGAGGAACUCCUCCAGGAGGAACUCCUCCUCAAGGAACUCCUCCAGGAGGAACUCCUCCUCCAGGAGGAACUCCUCCUCCAGGAGGAACUCCUCCUCCAGGAGGAACUCCUCCUCCAGGAGAACUCCCUCUCAAGGACACUCCCCUCCAGGAGGAACUCCUCCUCCAGGAGGAACUCCUCCUCCAGGAGAACUCCCUCUCAAGGACACUCCCCUCCAGGAGAACUCCCUCUCAAGGACACUCCCGGGAGGAACUCCUCCUCCAGGAGAACUCCCUCC	╄	D D	14339	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36074
9471 UCURUCUCO G GRANDARA 14341 GUUNIUNICO GRAGGARACUCCCUUCAAGGACAUCCCCOGGG 9470 CUUCUCOG G AGAUNACA 14342 UGUUNIUCO GRAGGARACUCCCUUCAAGGACAUCCCCOGGG 9460 CUUCUCOG G ARANCANC 14341 AGAUCCOG 9456 ACAUCCAN 4344 AGAUCCAG 9431 ACAUCCAC 4345 GARGAGAACUCCCUUCAAGGACAUCCCUCGGG 9434 ACAUCCAC 4346 GAUGCAC 9435 ACAUCCAC 4346 GAUGCAC 9431 ACAUCACC 4346 GAUGCAC 9400 AUGCACA 4349 CAUCACC 9400 AUGCACA 14349 CAUCACA 9400 AUGCACA 4349 CAUCACA 9400 AUGCACA 4349 CAUCACA 9400 UNGURACA 14349 CAUCACA 9400 UNGURACA 14350 AGGCCAN 9400 UNGURACA 14351 AGGCCAN 9400 UNGURACA 14351 AGGGCAN 9310 AGACACAN 14352	Н	J G	14340		36075
9470 CUUCUCUD G ABAUMACA 14342 UGUURLULU G GABUARACHOC 14343 GABUCGU GABGGAAACUCCCUUCAAGGACAUCGUCGGG 9456 UCUCUGBA G AUBACHOC 14344 GABACGAA AGAGGAAACUCCCUUCAAGGAACUCCGUCGGG 9456 UCCUCBA AGABCCAC 14344 GABACGAAACUCCCUUCAAGGACAUCGUCGGG 9453 UCCAUGAC GAGCACC 14346 GABACGAAACUCCCUUCAAGGACAUCGUCGGG 9434 CAGACCAC GAGCACC GABACGAAACUCCCUUCAAGGACAUCGUCCGGG 9405 MACUUGG GAGCACC GABACGAAACUCCCUUCAAGGACAUCGUCCGGG 9406 UUACCACA 14346 CCUDUCGG GABAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9407 AUCUUGG GAGCUCLOC GAGCUCCUC GAGCUCCCC GAGCUCCCUCCCCUUCAAGGACAUCCCCUCCGGG 9399 CCAUDAGAG GAGCUCAC 14354 GAGCUCAC GAGGCCCUCCCUUCAAGGACAUCGCCGGG 9391 AUCUCACA 14354 AUCCCCCUC GAGGCAACACCCCUUCAAGGACAUCGCCGGGG 9392 CCAUDAGA GACCCAACA GAGCCCAC GAGGACAACCCCCUUCAAGGACAUCGCCCGGG 9393 CCAUDAGA AAGGCCCCC GAGGACAACCCCCCUUCAAGGACACCCCCCGGG	Н	ncancaca e	14341	1	36076
9468 UCCUCIGAR O AIRACANC 14343 GAUGUDIANI GARDACCOURTOA AGGACALUCAUCAGAGACAUCCUUCAAGGACAUCCUCCOGG 9455 ACAUCCAU 14344 AGADACCOU 14344 AGADACCOU 16000 14345 GABAGAAC GABAGAAC 16000 14345 GABAGAAC GABAGAAC 16000 1600	4	സേസൻ ഭ	14342	1	36077
9456 ACAUCDUR O A AGGOUUCU 14345 GGARGARAACUCCCUUCAAGGAACUCCUUCAAGGAACUCCUUCAAGGAACUCCUCGGG 9433 UCCAUGAC G GUCCUUCC 14345 GGAGGAAACUCCCUUCAAGGAACUCCCUCCAAGGAACUCCCUCC	\dashv	UCUCUGGA G	14343		36078
9453 UCCAUGAC G GUICUUUCC 11345 GGAAGAAACUCCCUUCAAGGACAUCGAGGACAUCGAGGACAUCGUCCGGG 9434 AGCAGCCC G GGGCGUCA 14347 GAUGUGGC G GAGGAAACUCCCUUCAAGGACAUCGCGGG 9434 AGCAGCCC G GGGCAUCA 14348 GAUGUGGC G GGAGGAAACUCCCUUCAAGGACAUCGCCGGG 9409 AACUUUUG G ACGCACAA 14349 UCACUUA GGAGGAAACUCCCUUCAAGGACAUCGCCGGG 9409 AACUUUGU G ACGCACAA 14351 AUUGAGCC GAGGCCCUCCCUCCAAGGACAUCGCCCCCCCCCUCCAAGGACAUCGCCCCGGG 9402 UUGAGCA G BUNGACCC 14351 AUUGAGCC GAGGGAAACUCCCUUCAAGGACAUCGCCCCGGG 9390 CGAAGAACCCCCUCCUCCAAGGACAUCGCCCCGGG 14352 ACGCGCAU GAGGCCAU GAGGCCAU GAGGCCCAU GAGGCCAU 14352 ACGCGCGU GAGGCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	\dashv	ACAUCCAU G	14344		36079
9434 CAGCAGGC G GEGGGARUC 14346 GAUGGGC G GRAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9434 ACCHOGC G GCGGARUC 14347 UGAGGGC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9405 AACUUUUU G ACGAURGG 14349 UCACCUUC GAGGCCCCUUCAAGGACAUCGUCCGGG 9409 AACUUUUU G ACGAURGG 14350 GAGCCCUUC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9409 UUUGUGAC 14350 GAGCCCUC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9399 CGANAGGU G ACGCGGC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9390 AGCCCAAU AUGGGCCCU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9391 AUGGCCCAA AUGGGCCAA 14352 AGGGCAAACUCCCUUCAAGGACAUCGUCCGGG 9390 AGCCCAAA ACCCGCAAA GAGGACCAA GAGGACAACUCCCUUCAAGGACAUCGUCCGGG 9310 AUGGCCCAA ACCCGCAAA GAGGACACC GAGGACACCCUUCAAGGACAUCGUCCGGGG 9310 AUGGCCCAA AUGGCCCCCUUCAAGGACAUCGUCCGGGG 9310 AUGGCCCCCUUCAAGGACAUCGUCCGGGGGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 9310 AUGGCCCCCUUCAAGGACAUCGUCCCCUUCAAGGACAUCGUCCGGG 9310 AUGGCCCCCUUCAAGGACAUCGUCCCCCUUCAAGGACAUCGUCCGGG 9310 AUGGCCCCCUUCAAGGACAUCGUCCCCCUUCAAGGACAUCGUCCGGG 9310 AUGGC		Ð :	14345		36080
9433 AGCAGACCO G GOCCANICA 14347 UGANUGOCC GOAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9409 AACUUNGUA G	\dashv	Ф	14346		36081
9409 PARCUNUGU G ANCANUAGG 14318 CCURUNCGI GRAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9406 UUNGUGUG G ANGAGUA 14319 UCACCUAD GRAGGAAACUCCCUUCAAGGACAUCGUCGGG 9406 UUNGUGUA 14319 GAGCUCAN 14319 GAGCUCAGG 9399 CGANAGGU 14351 AUUGACCUUCAAGGACAUCGUCCGGG 9390 CGANGGA 14352 AGGCCCAU GAGGAAACUCCCUUCAAGGACAUCGUCGGG 9390 AGCUCAAU G AUGCCGC 14353 GCCL6GGG GBAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9390 AGCUCAAU G AUGCCGG 14354 AUCGGCGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9391 AGCCCGAU 14354 AUCGGCGG GAGGAAACUCCCUUCAAGGACAUCGUCGGGG 9310 AGCCCGAU 14355 ACCCGCAU GGAGAACAC GGAGAACAC 9310 AAGCCCAU 14357 ACCCGCAU GGAGAACAC GGAGAACAC 9310 AAGCCCAU 14356 GGGAAACAC GGAGAAACUCCCUUCAAGGACAUCGUCGGG 9310 AAGCCCAU 14350 ACCCGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG <td< td=""><td>Н</td><td>AGCAGCCG G</td><td>14347</td><td></td><td>36082</td></td<>	Н	AGCAGCCG G	14347		36082
9406 UNDGUIGAR G AUMAGUDA 14349 UCACCUAD GRAGABARCUCCCUUCAAGGACAUCGUCGGG 9402 UNGACAGA G GUGAACCA 14350 AUGACUCAG GAAGGAAACUCCCUUCAAGGACAUCGUCGGG 9399 AGCUCAU G AGCUCAU 14352 AUGACUCCA GAGGAAACUCCCUUCAAGGACAUCGUCGGG 9390 AGCUCAU G AGCUCAU 14352 AGGGCCAU GAGGAAACUCCCUUCAAGGACAUCGUCGGG 9381 AUGACCCA 14354 GCCAGGGG GAGGAAACUCCCUUCAAGGACAUCGUCGGG 9381 AUCAAUGAU 14354 ACCCCGAU 14356 GGGAACACUCCCUUCAAGGACAUCGUCCGGG 9310 AUGACCCA 14356 AUGCGGCAU GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9310 AUGACCCA 14356 ACCCGCAU GAGGAAACUCCCUUCAAGGACAUCGUCGGG 9310 CCUGACGG GAGGAACAC GAGGAACACUCCCUUCAAGGACAUCGGGGG 9310 CCUGACGG GAGGAACAC 14356 GGGAACACCCCUUCAAGGACAUCGGGGGGGG 9310 CCUGACGGG GAGGAACACCCCUUCAAGGACAUCGGGGGGGGGGGGGGG	Н	AACUUUGU G	14348		36083
9402 UGAGGOANA G GURAGOUC 14350 GAGCUCAD GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9399 CGANAGGU G AGCCCAU 14351 AUUGAGCCU GGAGGACAU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG 9387 VOADUCAU G AUGGCCCU 14352 ACCCAGGGG GGAGGAAACUCCCUUCAAGGACAUCGGCGGG 9381 VOADUCAU G GCCCGGA 14354 CGUAGGGG GGAGGAAACUCCCUUCAAGGACAUCGGCGGG 9376 CCUGGCAA G ACGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG 9376 CCUGGCAA G AUGUCCC 14356 AUGCGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9376 CCUGGCA G AUGUCCC 14356 ACCCGGC GGAGGAAACUCCCUUCAAGGACAUCGGCGGG 9376 CGUGAUGC GAUGUCCC 14356 GGGAGAAACUCCCUUCAAGGACAUCGGCGGG 9376 CGUGACGC GAUGUCCC 14356 GGGAGAAACUCCCUUCAAGGACAUCGGCGGG 9376 CUCACGCC GGUGAGAA GGGAGAAACUCCCUUCAAGGACAUCGGCGGG 9376 CUCACGCC GGGAGAAACUCCCUUCAAGGACAUCGGCCGGG 9377 CGCAGGCC GGCGAGGG GGGAGAAACUCCCUUCAAGGACAUCGGCCGGG 9376 CUCACGCC GGCGGGGG	Н	o C	14349	1	36084
9399 CGAUMAGNU G AGCUCANU 14351 AUTORAGCU GRAGGAAACUCCCUUCAAGGACAUCGCUCGGG 9390 AGCUCANU G AUGGCCCU 14352 AGGGCCAU GGAGGAAACUCCCUUCAAGGACAUCGCGGG 9381 AUGGCCA 14352 AGGGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9381 AUGGCCA GCCAGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9376 CCUGGCAA GCCAGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9370 AAGACGCA ACCGCGAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9370 AAGACGCC AUGUUCCC 14356 GGGAACACUCCUUCAAGGACAUCGUCCGGG 9370 AAGACGCC AUGUUCCC 14356 GGGAACAC GGGAACACCCUUCAAGGACAUCGUCCGGGG 9370 AAGACGCC GUUGUCCA GGUGGCCA 14356 GGGAACACCCCUUCAAGGACAUCGUCGGGG 9376 UCAGGGCG GGUGCCAA 14356 UCGCAAACCCCCUUCAAGGACAUCGUCGGGG 9236 UCAGGCCC GGUGCCAA 14366 GGCAAGAACUCCCUUCAAGGACAUCGUCCGGG 926 GGGAGCAC GGCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUGCCAC GGCGAGGAC 9276 UCAGGCCA GCCGGGGG GGUGCCAC <td></td> <td>D d</td> <td>14350</td> <td></td> <td>36085</td>		D d	14350		36085
9390 AGCUCAMU G AUGCCCUC 14352 AGGGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9387 UCAAUGAU G GCCUGGC 14354 GCCAGGGG GAGGGAAACUCCCUUCAAGGACAUCGUCGGG 9387 AUGGCCCU G GCAGGAAACUCCCUUCAAGGACAUCGUCGGG 9376 CCUGGCAA G ACGCCGAU 14354 CGUCUUGC GGGAAACUCCCUUCAAGGACAUCGUCCGGG 9370 AAGACGCG AUGUUCC 14356 GGGAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9317 AAGACGCG AUGUUCC 14356 GGGAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9317 CGUGUUCC AUGUUCC GGGAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9318 GCUCUCCU AUGUUCCC 14356 GGGAAGAA GGGAGGAACUCCCUUCAAGGACAUCGUCCGGG 9263 GCUCUCCA G GUGUCCCA 14356 GGGAAGAA GGGAGGAACUCCCUUCAAGGACAUCGUCCGGG 9263 UGCCCCCA G GCGGGGG 14361 CACCCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9263 UGCCCCCA G GCGGGGG 14361 CACCCGGC GGAGGAAACUCCCUUCAAGGACAUCGGGG 9263 UGCCCCCA G GUGUCCCA G GUGUCCCA G GUGCCAAC 14360	-	J G	14351		36086
9387 UCAAUGAN G GCCCUGGG 14353 GCCAGGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9381 AUGGCCG G GAAGAAC 14354 CGUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9316 CCUGGCAA A AGACGCG AUGUUCCC 14356 GGGAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9310 AAGACGC G AUGUUCCC 14356 GGGAACAU GGAGGAACUCCCUUCAAGGACAUCGUCGGG 9312 GCUGAUGC AGGGGAACUCCCUUCAAGGACAUCGUCGGG 9307 CGUGAUCC 14356 GGGAACAC GGGAAACUCCCUUCAAGGACAUCGUCCGGG 9307 CGUGAUCC 14359 UGGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9276 UCAGCCCA 14361 CACCCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9276 UCAGCCCA GGGGAAACUCCCUUCAAGGACAUCGUCCGGG 926 UUGCCCCA 14361 CACCCGGG GGGACACAC 14362 GGCCCCGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 926 UUGCCCCA 14363 GUUGCCAC 14364 GUUGCCAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 926 GGGCAAGAC 14364 GUUGCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 926	\dashv	0	14352		36087
9381 AUGGECCU G GCAAGACG 14354 CGUCUUGC GGAGGAACUCCUUCAAGGACAUCGUCCGGG 9376 CCUGGCAA G ACGCCGAU 14355 AUCGGCGU GGAGGAACUCCCUUCAAGGACAUCGUCGGG 9317 GCUGGCAA G AUGUCCC 14357 ACCCGCAU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 9310 GCUGGCAU G AUGUCCC 14358 ACCCGCAU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG 9307 CGUGAUGG G GUGUCCCA 14359 UGGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9263 UCAGCACA G GCCGGGGG GGGAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9263 UCAGCCCA G GCGGGGG 14361 CACCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9276 UCAGCCCA G GCGGGGGG 14361 CACCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9276 UCAGCCCA G GCGCCAAG 14362 UUGGCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9271 UUCACCCA G GCGCCAAG 14363 GUUGGCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9272 UUCACCCA G GCGCCAAG 14364 GUUACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9270 UCACGCCA G GUGCCAA 14364 GUUACCAC GAGGCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9221 UUCACCCCA G GUGCCAA 14364 GUUACCCAC <t< td=""><td>4</td><td>0 0</td><td>14353</td><td></td><td>36088</td></t<>	4	0 0	14353		36088
9376 CCUGGCAA G ACGCCGAU 14355 AUCGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9370 AAAACCCC G AUGUUCC 14356 GGGBACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9371 GCUGGGGG 14357 ACCCGGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9372 GGUGAUGC 14359 GGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9276 UCAGCAUA GGUGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9276 UCAGCCA 14369 GGGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9259 UCAGCCCA GCGGGGG GGAGGAAACUCCCUUCAAGGACAUCGGCGGG 9276 UCAGCCCA 14360 GGCAAGA GGAGGAAACUCCCUUCAAGGACAUCGGCGGG 9280 UCAGGCC GGUGCCCAA 14362 UUGGCAC GGAGGAAACUCCCUUCAAGGACAUCGGCGGG 9210 UCACGCC GGUGCCAA 14362 UUGGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 UCACGCAG GAGGCCAA 14364 GUUGGCCC 14364 GUUGGCCC 14366 GGUGCCAC 14366 GGUGCCAC 14366 GGUUGCCCCUUCAAGGACAUCGUCCCCCCCCCCCCCCCC	4	J G	14354		36089
9310 AAGACGCC G AUGUUCCC 14356 GGGAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9312 GCUCUCGU G AUGUUCCC 14357 ACCCGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9312 GCUCUCGU G AUGUUCCC 14359 GGGAGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9206 GUCAUGCG G GUGUCCCA 14359 UGGGCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9216 UCAGCAUA GACCGGAG 14361 CACCCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9259 CCCAGGC GGUGCCAA 14362 UGGGCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9259 CCCAGGC GGUGCCAA 14363 GUUGGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9250 CCCAGGC GGUGCCAA 14363 GUUGGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9240 UCACGCA GGUGCCAC 14364 GUUCGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9221 UUCACGCA GAGGCCCA 14364 GUUCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 UUCACGCA GAGGCCCA 14364 GUUACACA GGAGGAGAACUCCCUUCAAGGACAUCGUCCGGG 9223 <td>4</td> <td>Ø</td> <td>14355</td> <td></td> <td>36090</td>	4	Ø	14355		36090
9312 GCUCUCGU G AUGCGGGU 14357 ACCCGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9307 CGUGAUGC 14358 GGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9306 GUGAUGCG 14359 UGGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9269 UCAGCGCU GGCGAGGU 14361 CACCCGGC GGCAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9269 UCCAGGC GGCGGGU 14361 CACCCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9258 CCAAGGC G GUGCCAAC 14362 UUGGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9240 UUCACGCA G GUGCCAAC 14363 GUUGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9240 UCACGCG G GUUCCAAC 14364 GUUACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9240 UCACGCG G GUUCCAAC 14364 GUUACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 UCACCCGG GAGGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 9221 UUCACGCG GAGGCCCA 14364 GUUACCAU GGAGGCCCCCUUCAAGGACAUCGUCCGGG 9222		9	14356		36091
9307 CGUGANGC G GGUGUCCC 14358 GGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9306 GUGANGCG G GUGUCCCA 14359 UGGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9276 UCAGCAUA G AUCUUGC 14360 GGCAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9253 UGCCCCA G GCGGGUG 14361 CACCCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9259 CCCAGGCC G GUGCCAA 14362 UUGGCAC GGUGCCAAC 9240 UUCACGCA G GUGCCAAC 14363 GUUGGAC GGUGCCAAC 9221 UUCACGCA G GUGCCCAA 14364 GUUGGAC GGAGGCCAAC 14364 9220 UCAGCCCA G GUGCCCAA 14365 GGUUACAU GAGGGCAACCCCUUCAAGGACAUCCCUUCAAGGACAUCCCUCCGGG 9220 UUUUUGA GAGGCCCAA 14366 UGGGCCUC GGGGCCAA 14366 GGUUACAU GAGGGCCAA 14366 GCUUGGGAGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 AGUUUUU GAGGCCCAA 1436 GCUUGGGC GGGGCCAA 1436 GCUUGGGC GGGGCCAACCCUUCAAGGACAUCGUCCCGGG 9220 UUUUUGAG GCCCAAGC 14370 AAGAGACACCCUUCAAGACACCCUUCAAGACA	-	Ð	14357		36092
9306 GUGANUGCG G GUGANGCA 14359 UGGGACAC GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9276 UCAGCAIN G AUCUUGCC 14360 GGCAAGAU GGGAAACUCCCUUCAAGGACAUCGUCCGGG 9263 UGCCCCCA G GCGGGGG GGGGGAACUCCCUUCAAGGACAUCGUCCGGG 9253 UCCAGGCC G GUGCCAAC 14361 UGGGACC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9240 UUCACGCA G GUGCCAAC 14362 GUUGGAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9221 UUCACGCA G AUGCCAA 14364 GUUGGACC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 UUCACGCA G AUGCCAA 14364 GUUGGACC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 UUUUUGGA G AGGCCAA 14364 GUUGGACA GAGGACAACUCCCUUCAAGGACAUCGUCCGGG 9220 AGUUUUU G AGGCCCA 14366 UUGGGCCU GAGGACAACUCCCUUCAAGGACAUCGUCCGGG 9220 UUUUUGGA G GCCCAAGC 14366 GCUUGGGC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 UUUUUGGA G GCCCAAGC 1436 GCUUGGACCUCCAUCAAGGACAUCGUCCCGCGG </td <td>-</td> <td>٥</td> <td>14358</td> <td>1 1</td> <td>36093</td>	-	٥	14358	1 1	36093
9276 UCAGCAUA G AUCUUGCC 14360 GGCAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9263 UGCCCCA G GCGGGUG 14361 CACCCGGC GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9253 UGCCCCA G GCGGGUG 14362 UUGGCACC GAGGGAACUCGUCCAAGGACAUCGUCCGGG 9254 UCAGGCG G GUGCCAAC 14363 GUUGGCAC GAGGGAACUCCCUUCAAGGACAUCGUCCGGG 9241 UUCACGCA G GUGCCAAC 14364 GUUACAUC GAGGGAACCCUUCAAGGACAUCGUCCGGG 9240 UCAGGCA G GUGCCAA 14364 GUUACAUC GAGGAGAACUCCCUUCAAGGACAUCGUCCGGG 9224 UCACGCAG G AUGUAAC 14364 GUUACAU GAGGAGAACUCCCUUCAAGGACAUCGUCCGGG 9224 UCACGCAG G AUGUAAC 14364 GUUACAU GAGGGCAACCUCCUCAAGGACAUCGUCCGGG 9224 UCACGCAG G AUGUAAC 14367 UGGGCCUC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9225 AGUUUUU G AGGCCCAA 14369 GCUUGGGC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9207 AAGCCCUC AAGAAACU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9194 CUCCUCCU AAGAAACU GAGGGCCC 9104 AAGCCUC AAGAGACUC GAGGGCCC 9160		D	14359		36094
9263 UGCCCCCA G GCCGGGUG 14361 CACCCGGC GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9259 CCCAGGCC G GGUGCCAA 14362 UUGGCACC GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9259 CCCAGGCC G GUGCCAAC 14363 GUUGGCAC GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9240 UUCACGCAG G AUGUAAC 14364 GUUGGCAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9240 UCACGCAG G AUGUAAC 14365 GGUUACAU GAGGCCAUCGUCCGGG 9222 CAGUUUUU G GAGGCCCA 14366 UGGGCCU GAGGCCAUCGUCCGGG 9220 UUUUUGGA G GCCCAAGC 14369 GAGGCCUC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9200 UUUUUGGA G GCCCAAGC 14369 GAGGGCUC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9200 UUUUUGGA G GCCCAAGC 14369 GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9104 AAGCCCUC 14369 GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9104 AAGCCCUC 14370 AAAGAACU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 910 UUUUUGGA G GCCCAAGC 14371 AAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 910 UUUUUGAG GACCCAAGC 14372	-	0	14360		36095
9259 CCCAGGCC G GGUGCCAA 14362 UUGGCACC GGAGGAAACUCCUUCAAGGACAUCGUCGGG 9258 CCAGGCCG G GUGCCAAC 14363 GUUGGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9241 UUCACGCA G ANGUAAC 14364 GUUACAUC GAGGCAACUCGUCCAGGG 9240 UCACGCAG G ANGUAACC 14365 GGUUACAU GAGGCAACUCGUCCAGGG 9223 CAGUUUUU G GAGGCCAA 14366 UGGGCCUC GAGGCAACUCGUCCAGGC 9220 AGUUUUUG G AGGCCCAA 14368 GCUUGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 AGUUUUUG G AGGCCCAACC 14369 GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 AGUUUUUG G AGGCCAAC 14369 GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9210 UUUUUGGA G GCCCAAGC 14369 GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 910 AAGCCCUC AAGCCCUC AAGACCUC GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 910 AAGCCCUC AAGCCCUC AAGGCCAG 14370 AAGGGCG 910 UUUUUGGA GACCCUC AGGGCCAG 14371 AGGGGAAACCCCCUUCAAGGACAUCGUCCGGG 916 UCCUCCU AGGCCCAG 143	-	٥	14361		36096
9258 CCAGGCCG G GUGCCAAC 14363 GUUGGCAC GAAGGAAC 14364 GUUGCACC GAAGGAACUCCCUUCAAGGACAUCGUCGGG 9241 UUCACGCA G ANGUAAC 14364 GUUACAU GAAGGAAACUCCCUUCAAGGACAUCGUCGGG 9240 UCACGCAG G ANGUAAC 14365 GGUUACAU GAAGGAAACUCCCUUCAAGGACAUCGUCGGG 9223 CAGUUUUU G AAGGCCAA 14366 UGGGCCU GAAGGAAACUCCCUUCAAGGACAUCGUCGGG 9220 AGUUUUUGA GAGGCCAAGC 14368 GCUUGGGC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 UUUUUGAA G GCCCAAGC 14369 GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9200 UUUUUGAA G GCCCAAGC 14369 GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 910 AAGCCCUC AAGAGACU GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 910 AAGCCCUC AAGAGACU GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 910 AAGCCCUC AAGAGACU GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 910 UUUUUGAAGGACAUCGUCCUCAAGGACAUCGUCCGGG AAGACCCU AAGACCCCU AAGAGCCAG 14371 AUGAGGAAACUCCCUUCAAGGACAUCGUCCCUCCAAGACACACAC	\dashv	o	14362		36097
9241 UUCACGCA G GAUGUAAC 14364 GUUACAUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9240 UCACGCAG G AUGUAACC 14365 GGUUACAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9223 CAGUUUUU G GAGGCCCAA 14366 UGGGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9224 AGUUUUUGA G AGGCCCAA 14367 UUGGGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG 9207 AAGCCCUC AAGGCCUC 14369 GGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9104 CUCCUCCU AAGGCCUC AAGGACAUC AAGGCCUC AAGGACAUCGUCCGGG 9104 CUCCUCCU AAGGACAUCGUC AAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUUUUCGGGG 9104 AAGCCUC AAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUUUUCUCUUCAUCGUCCGGGG 9105 AAGCCCAGU AAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 9106 UUCUUCAU AGAGCCCCU AAGGAAACCCCCUUCAAGGACAUCGUCCGGGG 9106 UUCUUCAU AGAGCCCCU AAGAGACCA 14371 AGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 9160 UUCUUCAU AAAACCCA 14374 UCGAGGGAAACCCCCUUCAAGGACAUCGUCCGGGG		Ð	14363		36098
9240 UCACGCAG G AUGURACC 14365 GGUURACAU GGAGGARACUCCCUUCAAGGACAUCGUCCGGG 9223 CAGUUUUU G GAGGCCCA 14366 UGGGCCUC GGAGGARACUCCCUUCAAGGACAUCGUCCGGG 9222 AGUUUUUU G AGGCCCAA 14367 UUGGGCCU GGAGGARACUCCCUUCAAGGACAUCGUCCGGG 9207 AAGCCCUC G ACACCUCC 14369 GCUUGGGC GGAGGARACUCCCUUCAAGGACAUCGUCCGGG 9194 CUCCUCCU AAGCCAGU AAGAGAACUCCCUUCAAGGACAUCGUCCGGG 9172 AAGCCAGU AAGAGAACUCCCUUCAAGGACAUCGUCCGGG 9162 UCUUCAUU AGUUCCUU AAGAGACC 9163 UCCUUCAUU AGAGACAUCGUCCGGGG 9164 AAGCCAGU AGAGAGACCCUUCAAGGACAUCGUCCGGGG 9165 UCUUCAUU AGAGACAC 14371 AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9160 UUCUUCAUU AGAGACACA 14371 AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9160 UUCUUCAUU AGAGCCCAG 14372 AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9160 UUCAUUCAU AAAACCCA 14373 UGGGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9161 UUCAUUCAU AAAACCCA 14374	-	ט	14364		36099
9223 CAGUUUUU G GAGGCCCAA 14366 UGGGGCCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9222 AGUUUUUG G AGGCCCAA 14367 UUGGGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9220 UUUUUGGA G GCCCAAGC 14369 GCUUGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9207 AAGCCUC G ACACCUC 14370 AAAGAGA GGAGAAACUCCCUUCAAGGACAUCGUCCGGG 9172 AAGCCAGU G GUCUUCAU 14371 AUGAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9162 UCUUCAUU G AGAAAACC 14372 GGUUUUUCGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 9163 UUCAUUGA G AAACCCA 14372 GGUUUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9160 UUCAUUGA G AAACCCA 14373 UGGGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9151 AAAACCCA 14373 UGGGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9154 AAAACCCA 14373 UGGGGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9154 AAAACCCA 14374 UCGAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 914 AAAACCCA 14375 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9156 AAAACCCA 14375 UGGAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 9136	-	0	14365	1	36100
9222 AGUUUUUG G AGGCCCAA 14367 UUGGGCCU 9220 UUUUUGGA G GCCCAAGC 14368 GCUUGGGC 9207 AAGCCUC G ACACCUCC 14369 GGAGGUGU 9194 CUCCUCCU G AGUUCUUU 14379 AAAGAACU 9162 UCUUCAUU G AGAAAACC 14371 AUGAAGACU 9160 UUCAUUGA G AAAAAACC 14372 GGUUUUUCU 9151 AAAACCCA G AGACCCA 14373 UGGGUUUU 9151 AAAACCCA G AGCCUCGA 14374 UCGAGGCU 9144 AGAGCCUC G AACUCCGA 14375 CUGGAGUU 9136 GAACUCCGA G AGCUCCGA 14376 CUGGAGGU 9130 CAGAAAGC G AGCUCCGA 14377 UCGGAGCU	-	٥	14366	- 1	36101
9220 UNUNUGGA G GCCCAAGC 14368 GCUUGGGC 9207 AAGCCCUC G ACACCUCC 14369 GGAGGUGU 9194 CUCCUCCU G AGUUCUUU 14370 AAAGAACU 9172 AAGCCAGU G GUCUUCAU 14371 AUGAAGAC 9162 UCUUCAUU G AGAAAACC 14372 GGUUUUCU 9151 AAAACCCA G AGCCUCGA 14373 UCGAGGCU 9151 AAAACCCA G AGCCUCGA 14374 UCGAGGCU 9144 AGAGCCUC G AACUCCGA 14375 CUGGAGGU 9136 GAACUCCGA G AGCCUCGA 14376 CUGGAGGCU 9130 CAGAAAGC G AGCUCCGA 14377 UCGGAGGU	4	۵	14367		36102
9207 AAGCCCUC G ACACCUCC 14369 GGAGGUGU 9194 CUCCUCCU G AGUUCUUU 14370 AAAGAACU 9172 AAGCCAGU G GUCUUCAU 14371 AUGAAGAC 9162 UCUUCAUU G AGAAAACC 14372 GGUUUUCU 9160 UUCAUUGA G AAAACCCA 14373 UGGGUUUU 9151 AAAACCCA G AGCCUCGA 14374 UCGAGGCU 9144 AGAGCCUC G AACUCCAG 14375 CUGGAGGU 9136 GAACUCCA G AACUCCAG 14375 CUGGAGGU 9130 CAGAAAGC G AACUCCAG 14377 UCGGAGGU	-	0	14368		36103
9194, CUCCUCCU G AGUUCUUU 14370 AAAGAACU 9172 AAGCCAGU G GUCUUCAU 14371 AUGAAGAC 9162 UCUUCAUU G AGAAAACC 14372 GGUUUUUCU 9160 UUCAUUGA G AAAACCCA 14373 UGGGUUUU 9151 AAAACCCA G AGCCUCGA 14374 UCGAGGCU 9144 AGAGCCUC G AACUCCAG 14375 CUGGAGGU 9136 GAACUCCA G AAAGCGAG 14375 CUGGAGGU 9130 CAGAAAGC AAAGCCUA 14375 CUGGAGGU	4	Ö	14369		36104
9172 AAGCCAGU G GUCUUCAU 14371 AUGAAGAC 9162 UCUUCAUU G AGAAAACC 14372 GGUUUUCU 9160 UUCAUUGA G AAAACCCA 14373 UGGGUUUU 9151 AAAACCCA G AGCCUCGA 14374 UCGAGGCU 9144 AGAGCCUC G AACUCCAG 14375 CUGGAGGU 9136 GAACUCCA G AAAGCGAG 14375 CUGGAGGU 9130 CAGAAAGC G AAGCUCCAGA 14376 CUCGCUUU 9130 CAGAAAAGC G AAGCUCCAGA 14377 UCGGAGGCU	4	0	14370		36105
9162 UCUUCAUU G AGAAAACC 14372 GGUUUUCU 9160 UUCAUUGA G AAAACCCA 14373 UGGGUUUU 9151 AAAACCCA G AGCCUCGA 14374 UCGAGGCU 9144 AGAGCCUC G AACUCCAG 14375 CUGGAGGU 9136 GAACUCCA G AAAGCGAG 14375 CUCGCUUU 9130 CAGAAAGC G AAAGCGAG 14376 CUCGCUUU	-	Ď	14371	1	36106
9160 UUCAUUGA G AAAACCCA 14373 UGGGUUUU 9151 AAAACCCA G AGCCUCGA 14374 UCGAGGCU 9144 AGAGCCUC G AACUCCAG 14375 CUGGAGGU 9136 GAACUCCA G AAAGCGAG 14375 CUCGCUUU 9130 CAGAAAGC G AACUCCGA 14377 UCGGAGGCU	4	D	14372	. 1	36107
9151 AAAACCCA G AGCCUGA 14374 UCGAGGCU 9144 AGAGCCUC G AACUCCAG 14375 CUGGAGGU 9136 GAACUCCA G AAAGCGAG 14376 CUCGCUUU 9130 CAGAAAGC G AGCUCCGA 14377 UCGGAGGU		0	14373	1	36108
9144 AGAGCCUC G AACUCCAG 14375 CUGGAGUU 9136 QAACUCCA G AAAGCGAG 14376 CUGGACUU 9130 CAGAAAGC G AGCUCCGA 14377 UCGGAGCU	_	0	14374		36109
9136 GAACUCCA G AAAGCGAG 14376 CUCGCUUU 9130 CAGAAAGC G AGCUCCGA 14377 UCGGAGCU	-	Ö	14375		36110
9130 CAGAAAGC G AGCUCCGA 14377 UCGGAGCU	\dashv	0	14376	CUCGCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAGUUC	36111
	4	Ü	14377	UCGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUCUG	36112

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1907	9123	CGAGCUCC G AGCCACAU	14378	AUGUGGCU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCUCG	36113
1916	9114	Ð	14379	AUUUGGUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGGCU	36114
1925	9105	Ø	14380	AGCAGAGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGGUU	36115
1940	9090	9 M	14381	GGAAAGGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGAAG	36116
1949	9081	eccnnncc e vycncncc	14382	GGAGAGUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAAGGC	36117
1958	9072	AACUCUCC G GGUUUUUU	14383	AAAAAACC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAGUU	36118
1959	9071	93 G	14384	GAAAAAAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAGAGU	36119
2002	9028	ש	14385	GGGAAUGU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUUGC	36120
2017	9013	ccccccca e Augusccu	14386	AGGCACAU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGGGG	36121
2058	8972	AAAAUUUU G GAUCUUCA	14387	UGAAGAUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAUUUU	36122
2059	8971	AAAUUUUG G AUCUUCAA	14388	UUGAAGAU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAAUUU	36123
2078	8952	ဗ	14389	AGGAGCGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAGC	36124
2092	8838	CCUCCAUU G AUUCUGCU	14390	AGCAGAAU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGGAGG	36125
2111	8919	UCAAACAU G GCACCCAA	14391	TUGGGUGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUUUGA	36126
2135	8895	UDGCUGUU G ACCUUUCU	14392	AGAAAGGU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGCAA	36127
2147	8883	UUUCUUAU G AAUUCCUC	14393	GAGGAAUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAGAAA	36128
2158	8872	UUCCUCUC O AGAGCACA	14394	ນອນອວນອນ	GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GAGAGGAA	36129
2160	8870		14395	AAUGUGCU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAGAGG	36130
2171	8829	O	14396	AAACGUCC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGUG	36131
2172	8828	ACAUUCUG G GACGUUUU	14397	AAAACGUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAAUGU	36132
2173	8857	CAUUCUGG G ACGUUUUU	14398	AAAAACGU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAAUG	36133
2186	8844	UUUUCUCU G GCCAAAAA	14399	nnnnaec	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAA	36134
2210	8820	JU G	14400	GAGACCAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUGGUU	36135
2213	8817	D D	14401	AAUGAGAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAACUG	36136
2222	8808	O	14402	UACGUGCU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGAGAC	36137
2244	8786		14403	UGAACCGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGGAG	36138
2247	8783	O	14404	UCCUGAAC		36139
2253	8777	e S	14405	GAAAGCUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAACCGC	36140
2254	8776		14406	CGAAAGCU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAACCG	36141
2279	8751	ø	14407	CGAGUGUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGAGAA	36142
2297	8733	ø	14408	ACUCCCUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCAGCA	36143
2300	8730	O	14409	ACUACUCC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCGGGCA	36144
2301	8729		14410	CACUACUC	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUUCGGGC	36145
2302	8728	3G G	14411	ACACUACU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUCGGG	36146
2318	8712	ပ	14412	ACCAUGGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGACUGA	36147
2324	8706	ט	14413	GUUACCAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGCCAU	36148
2327	8703	GCCAUGGU G GUAACAUU	14414	AAUGUUAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUGGC	36149
2339	8691	ACAUUCGU G AUGGUGUC	14415	GACACCAU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAUGU	36150
2342	8688	0 2	14416	UGGGACAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACGAA	36151
2352	8678	UGUCCCAU G GUUUUGAG	14417	CUCAAAAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGACA	36152

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2358	8672	AUGGUUUU G AGAGGAGC	14418	GCUCCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAU	36153
2360	8670	GGUUUUGA G AGGAGCCU	14419	AGGCUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAACC	36154
2362	8998	UUUUGAGA G GAGCCUGA	14420	UCAGGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCAAAA	36155
2363	8667	UUUGAGAG G AGCCUGAC	14421	GUCAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCUCAAA	36156
2369	8661	AGGAGCCU G ACCACUCC	14422	GGAGUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCUCCU	36157
2381	8649	ACUCCAUU G ACCAGCGA	14423	UCGCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGGAGU	36158
2388	8642	UGACCAGC G AACUGGCG	14424	CGCCAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGGUCA	36159
2393	8637	AGCGAACU G GCGGAGCC	14425	GGCUCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUCGCU	36160
2396	8634	GAACUGGC G GAGCCUGU	14426	ACAGGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGUUC	36161
2397	8633	AACUGGCG G AGCCUGUG	14427	CACAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCAGUU	36162
2405	8625	GAGCCUGU G GGCUUCAC	14428	GUGAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGCUC	36163
2406	8624	AGCCUGUG G GCUUCACA	14429	UGUGAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGGCU	36164
2428	8602	ACUGCCGU G AUAGUUCC	14430		36165
2438	8592	UAGUUCCA G GUUCUAUA	14431	UAUAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACUA	36166
2448	8582	UUCUAUAU G GGUGGUUC	14432	GAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAUAGAA	36167
2449	8581	ucuauaug g gugguucu	14433	AGAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAUAGA	36168
2452	8578	AUAUGGOU G GUUCUCAU	14434	AUGAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCAUAU	36169
2464	9958	CUCAUCGU G GUGCCACG	14435	CGUGGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAUGAG	36170
2475	8555	O	14436		36171
2492	8238	UCACGCCU G AGUCGUUC	14437		36172
2513	8517	CUGUUCUU G AUUUUACU	14438	AGUAAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACAG	36173
2522	8208	AUJUINACU G GUGUCUGA	14439	UCAGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUAAAAU	36174
2529	8501	UGGUGUCU G AGUUGAGC	14440	GCUCAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACACCA	36175
2534	8496	UCUGAGUU G AGCAGGG	14441	CCCCUGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AACUCAGA	36176
2539	8491	GUUGAGCA G GGGUUUUC	14442		36177
2540	8490	UUGAGCAG G GGUUUUCC	14443	GGAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCUCAA	36178
2541	8489	UGAGCAGG G GUUUUCCC	14444	GGGAAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGCUCA	36179
2558	8472	ACCECCO G GUUCCACU	14445	AGUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGCGGU	36180
2593	8437	CUCGUAUU G GGGUCCCU	14446	AGGGACCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAUACGAG	36181
2594	8436	UCGUADUG G GGUCCCUU	14447	AAGGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUACGA	36182
2595	8435	cenavues e succenuc	14448	GAAGGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAAUACG	36183
2606	8424	ט	14449	- 1	36184
2629	8401	UCUUCCUA G GAGCACCU	14450	AGGUGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGAAGA	36185
2630	8400	CUUCCUAG G AGCACCUG	14451	CAGGUGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUAGGAAG	36186
2638	8392	GAGCACCU G GCUGGUCA	14452		36187
2642	8388	ACCUGGCU & GUCAUAUU	14453	AAUAUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCAGGU	36188
2655	8375	UNUUCACU O AAUGUACC	14454	GGUACAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGAAUA	36189
2673	8357	Ð	14455	- 1	36190
2680	8350	UGAAGCUC G ACUCACCC	14456	GGGUGAGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GAGCUUCA	36191
2705	8325	ucauacau a appuncca	14457	CGGAAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCACGA	36192

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3058	7972	ტ	14499	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36234
3059	7971	ACUUCUUG G ACUCUUUU	14500	- 1	36235
3070	7960	UCUUUUUU G GGUUGCCA	14501	UGGCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAAAGA	36236
3071	7959	CUUTUTUG G GUUGCCAU	14502	AUGGCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAAAAG	36237
3112	7918	ACAUCCAA G GUCAAUCA	14503	UGAUUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAUGU	36238
3128	7902	ACUUUUCC G ACCGGUUC	14504	GAACCEGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAAAGU	36239
3132	7898	UUCCGACC G GUUCGAGA	14505		36240
3137	7893	ACCEGUUC G AGAAACCU	14506	AGGUUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACCGGU	36241
3139	7891	CGGUUCGA G AAACCUCC	14507	GGAGGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAACCG	36242
3152	7878	CUCCGUUC G ACCAGCCA	14508	UGGCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACGGAG	36243
3183	7847	UGCCCCUA G AGACUGGA	14509	UCCAGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGGGCA	36244
3185	7845	CCCCUAGA G ACUGGAUG	14510	CAUCCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAGGGG	36245
3189	7841	UAGAGACU G GAUGCCCU	14511	AGGGCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCUCUA	36246
3190	7840	AGAGACUG G AUGCCCUC	14512	GAGGGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUCUCU	36247
3203	7827	CCUCCAGU G ACAUUGCC	14513	GGCAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGAGG	36248
3221	7809	ucunuccu e eceueum	14514	AAACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAAAGA	36249
3237	7793	UUGCCGCU G AGCGAUCG	14515	CGAUCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCAA	36250
3241	7789	CGCUGAGC G AUCGACUU	14516	AAGUCGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAGCG	36251
3245	7785	GAGCGAUC G ACUUCGAU	14517	AUCGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCGCUC	36252
3251	1779	UCGACUUC G AUGAUGGC	14518	GCCAUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUCGA	36253
3254	7776	ACTUCCIAN G AUGGCCUC	14519	GAGGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGAAGU	36254
3257	7773	UCGAUGAU G GCCUCUUU	14520	ı	36255
3268	7762	CUCUNUGC G GUACCUAG	14521		36256
3278	7752	UACCUAGU G AACUCUUC	14522	- 1	36257
3298	7732	UGUCAUCU G GUUGAGUC	14523	GACUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGACA	36258
3302	7728	AUCUGGUU G AGUCUUUC	14524		36259
3329	7701	UCUCCCAA G GUGCGUCC	14525	GGACGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGAGA	36260
3363	7667	UNAGUCCU G GUUUUUCC	14526	GGAAAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGACUAA	36261
3383	7647	UUCUUUAU G AGUGUCCA	14527		36262
3398	7632	CAUGUUAU G GAUAGACA	14528	- 1	36263
3399	7631	AUGUUAUG G AUAGACAU	14529		36264
3403	7627	UAUGGAUA G ACAUGACA	14530	UGUCAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCCAUA	36265
3408	7622	AUAGACAU G ACAACCAA	14531	UDGGUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUCUAU	36266
3428	7602	CCACGCAU G AUGUGGCA	14532		36267
3433	7597	CAUGAUGU G GCAGAGUC	14533	GACUCUGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAUCAUG	36268
3437	7593	AUGUGGCA G AGUCCGAU	14534		36269
3443	7587	CAGAGUCC G AUGGCAGU	14535		36270
3446	7584	AGUCCGAU G GCAGUUGU	14536	ACAACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGGACU	36271
3468	7562	UCCAAACA G AGCUUGCU	14537	AGCAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUUGGA	36272

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	Ō	14540	CGAGAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUUUU	36275
۶Į	O	14541	GAACCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAAGA	36276
기	ø	14542	AGUGAACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUCUGUGA	36277
٦	ø	14543	UAGUGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCUGUG	36278
7	Ð	14544	UGGUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCUGCA	36279
٦	0	14545		36280
_	이	14546	AUGCUGAU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUGGUGUC	36281
ı		14547	GGACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCUGAU	36282
ı	Ö	14548		36283
ı	Ö	14549	ACCACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAUGCA	36284
	Ø	14550	CACCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAUGC	36285
	Ð	14551	GAGCGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACCCAU	36286
- 1	CUAAUUCU G GGACGUCC	14552	GGACGUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUUAG	36287
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	O	14554	ACGGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAAUU	36289
	Ð	14555	AUCGUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGACGU	36290
1	ס	14556	GAUGGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGCCAC	36291
	ט	14557	GCCGGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAAGAA	36292
	ס	14558	ACAGCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUCAU	36293
	미	14559	GCUCAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCGG	36294
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	0	14568	GCAACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUUUG	36303
	ø	14569	ACCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUACGGU	36304
	ø	14570	GUCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGUUAC	36305
	O	14571	AAGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGUU	36306
	ø	14572	CAAGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCGU	36307
	ტ	14573	GGACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUCAC	36308
F	CAGCAUCC G GCUGCUAG	14574	CUAGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUGCUG	36309
	υ	14575	CGGCUCUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGCUAGCA	36310
- 1	O	14576	UCGGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCUAGC	36311
_	UAGCAGGA G AGCCGACA	14577	TIGHTOGOTI CONTROLLING ACCOUNTS A CONTROLLING A CONTROLLIN	36313

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3834	7196	GGAGAGCC G ACACTICCA	14578	UGGAGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGCUCUCC	36313
3848	7182	D D	14579	cccuucgu gaaggaaacucccuucaagaacaucguccgga gauguugg	36314
3851	7179	Ö	14580	UUCCCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCGAUGU	36315
3854	7176	UCGACGAA G GGGAAGCC	14581	GGCUUCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCGUCGA	36316
3855	7175	CGACGAAG G GGAAGCCU	14582	AGGCUUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCGUCG	36317
3826	7174	GACGAAGG G GAAGCCUC	14583	GAGGCUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUCGUC	36318
3857	7173	9 9	14584	caagecur gaagdaaacucccuucaagaacaucguccgga cccuucgu	36319
3869	1914	CCUCGCGC G AGUGUGAA	14585	UUCACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGCGAGG	36320
3875	7155	GCGAGUGU G AAUAGUGC	14586	GCACUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUCGC	36321
3892	7138	ACUUGCCU G AACGUUUA	14587	UAAACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCAAGU	36322
3903	7127	CGUUDAUU G AGGUCAAU	14588	AUUGACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAAACG	36323
3905	7125	UUUAUUGA G GUCAAUGA	14589	UCAUUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAUAAA	36324
3912	7118	AGGUCAAU G AGGUGUUG	14590	CAACACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGACCU	36325
3914	7116	GUCAAUGA G GUGUUGAU	14591	AUCAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUUGAC	36326
3920	7110	GAGGUGUU G AUGUAAUC	14592	GAUUACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACCUC	36327
3930	7100	UGUAAUCU G ACGUGAUC	14593	GAUCACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUUACA	36328
3935	7095	UCUGACGU G AUCAAAUG	14594	CAUTUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGUCAGA	36329
3954	2006	UVAGCAGU G GAGUGAGG	14595	CCUCACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGCUAA	36330
3955	7075		14596	UCCUCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUGCUA	36331
3959	1002	O	14597	GCGGUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCCACU	36332
3961	1069		14598	CAGCGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACUCCA	36333
3962	1068	ø	14599	ACAGCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACUCC	36334
3987	7043	CGUACAGU G ACCAGGCU	14600	AGCCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGUACG	36335
3992	7038	G A	14601	GCAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUCACU	36336
4002	7028	o	14602	CUUGAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAACAG	36337
4018	7012	Ð	14603	GAGAGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGGAC	36338
4034	9669	U G	14604	GAGAAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUGGG	36339
4046	6984	ט	14605	AUUGAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAGAA	36340
4088	6942	ט	14606	GAUAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAGUGA	36341
4115	6915	ט	14607	GUGGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGAGAU	36342
4135	6895	O	14608	UCAUGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGUGAGC	36343
4136	6894	ט	14609	GUCAUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGUGAG	36344
4142	6888	AGGGUCAU G ACACAAAU	14610	AUTUGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGACCCU	36345
4153	6877	ACAAAUCA G GAACACGG	14611	CCGUGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUUGU	36346
4154	6876		14612	GCCGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUUG	36347
4160	6870	_ອ	14613	CAGCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGUUCCU	36348
4168	6862	Ð	14614	CAGACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUAGCC	36349
4182	6848	O	14615	GCAACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGACAG	36350
4197	6833	D	14616	UCCUGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAGC	36351
4203	6827	CUGGCUCA G GAAUUAGC	14617	GCUAAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGCCAG	36352

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4204	6826	UGGCUCAG G AAUUAGCA	14618		36353
4223	6807	Ð	14619	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36354
4225	6805	ש	14620	UCUCCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUGAUG	36355
4228	6802	CAAGAGAA G GGAGAGCA	14621	UGCUCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUCUUG	36356
4229	6801	AAGAGAAG G GAGAGCAG	14622	cuecucuc geaggaaacucccuucaaggacaucguccggg cuucucuu	36357
4230	6800	AGAGAAGG G AGAGCAGC	14623	GCUGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUCUCU	36358
4232	6798	AGAAGGGA G AGCAGCAA	14624	UUGCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCUUCU	36359
4247	6783	AACAUUCC G GCGAUCUU	14625	AAGAUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUGUU	36360
4250	6780	AUUCCGGC G AUCUUCGU	14626	ACGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCGGAAU	36361
4263	6767	UCGUUCCU G GAACUUCA	14627	UGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAACGA	36362
4264	9929	CGUUCCUG G AACUUCAG	14628	CUGAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAACG	36363
4283	6747	AUCCAACA G AAAAAGGU	14629	ACCUUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGAU	36364
4289	6741	CAGAAAA G GUCGCGAC	14630	GUCGCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUCUG	36365
4295	6735	Ð	14631	UUGGGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGACCUU	36366
4304	6726	ACUCCCAA G ACAGCGCC	14632	GCCGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGAGU	36367
4349	6681	CGCUGCAU G AGGAGGAA	14633	UUCCUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCAGCG	36368
4351	6299	CUGCAUGA G GAGGAAGA	14634	UCUUCCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUGCAG	36369
4352	8699	UGCAUGAG G AGGAAGAA	14635	UUCUUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAUGCA	36370
4354	9299	CAUGAGGA G GAAGAAUA	14636	UAUUCUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUCAUG	36371
4355	6675	AUGAGGAG G AAGAAUAC	14637	GUAUUCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCCUCAU	36372
4358	6672	AGGAGGAA G AAUACUCC	14638	GGAGUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCCU	36373
4370	0999	ACUCCCAU G GUCAUCAC	14639	GUGAUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGAGU	36374
4388	6642	ø	14640	UUGAUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUUGAG	36375
4397	6633	Ф	14641	ACAAUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUUGC	36376
4408	6622	O	14642		36377
4411	6199	UGUCUGAA G AGCAUCUG	14643	CAGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAGACA	36378
4419	1199	Ŋ	14644	GGAACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGCUC	36379
4432	6298	U	14645	. 1	36380
4433	6597	O	14646	AGAAUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAGGA	36381
4444	6586	Ö	14647	GAAGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAAUG	36382
4469	6561	ø	14648	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36383
4484	6546	O	14649	CUUGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUACGU	36384
4514	9159	UUCCCCAU G AAGUGCUC	14650	GAGCACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGGAA	36385
4524	9059	AGUGCUCA G GCAUCUUU	14651	AAAGAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGCACU	36386
4537	6493	Ð	14652	UUGAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAAAG	36387
4547	6483	ប	14653	AUAGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGAGGU	36388
4558	6472	CCCUAUCU G AGAACGUU	14654	AACGUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUAGGG	36389
4560	6470	CUAUCUGA G AACGUUUU	14655	AAAACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGAUAG	36390
4572	6458	ט	14656	CUUCGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAAAAC	36391
4574	6456	UUUCCCGA G GCGAAGUC	14657	GACUUCGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCGGGAAA	36392

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6432 WARDCOUGH G BARGACCHG 14659 AARGCOUGH GRABARACHCCCUTOLAAGGACAUCGUCGGGG AAGGACTACH 6434 UNCACCCU G GUGULANC 14661 ACUCCADN GGAGGAAAACHCCCCUTOLAAGGACAUCGUCGGGG AAGGACTACH 6434 UNCACCCU G GUGULANC 14662 ACUCCADN GGAGGAAAACHCCCUTOLAAGGACAUCGUCCGGG AAGGACACH 6436 UNCACCCU G GUGULANC 14663 AUUGAACGG GGAGGAAAACHCCCUTOLAAGGACAUCGUCCGGG AAGGACACH 6336 UNCACCCU G GCGUCAAA 14664 AUUGAACGG GAGGAAAACHCCCUTUCAAAGGACAUCGUCCGGG CAGAACACAAA 6336 UNCACCCU G GCGUCAAA 14665 GAAGAAAAA GAAGAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	42,	0453	ון פ	14658	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36393
6423 UNAGROCTO GO GROBANCO 14660 CACCOGAN GRAGADA, COCCUCTO, CARGAGA, ACCOCAGA 6434 UNCACCOCO GO GRADADAC 14663 ACUCOGAN GARGADA, COCCUCTO, ACACAGA, COCCUCA, A	4586	6444	ا ت	14659	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36394
6432 URCHOUGHOUR 14661 AUCCIGABA GROUGHARD GABACACCO 44662 AUCCIGADA 44662 GUGUINACIO GABACACCO GABACACAC GABACACAC GABACACACA GABACACACA AUCORACCO GABACACACA GABACACACA AUCORACCA GABACACACA GABACACACA AUCORACCA GABACACACA GABACACACA AUCORACCA GABACACACA AUCORACCA GABACACACA AUCORACCA GABACACACA GABACACACA AUCORACCA GABACACACA AUCORACCA GABACACACA GABACACACA AUCORACACA AUCORACCA GABACACACACA AUCORACACA GABACACACACACACAA AUC	4603	6427	٥	14660	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36392
6419 QUEDACCY G GEGILDAD 14653 GUNGADARCH G GEGILDAD 14653 AUTUGADCC GRAGGADAACUCCCUUCAAGACAUCGUCGGGG ACGAGAAACUCCCUUCAAGACAUCGUCGGGG ACGAGAAACUCCUUCAAGACAUCGUCCGGG ACGAGAAACUCCUUCAAGACAUCGUCCGGG ACGAGAACUCGGGG 6356 UCCAAGCCG GEGULOAD 14653 GUAGGAAACUCCCUUCAAGACAUCGUCCGGG ACGAGAACUCCCCGGG 6356 AGCULUCAA 14667 GUAGGAAACUCCCUUCAAGACAUCGUCCGGG ACGAGAACUCGUCCGGG 6310 UUCGUCGA GAAGUCCU 14667 GUAGGAAACUCCCCUUCAAGACAUCGUCCGGG 6311 UUCGUCGA AACHUCCU 14667 GUAGGAAACUCCCUUCAAGACAUCGUCCGGG 6312 UUCGACACA 14667 GUAGGAAACUCCCCUUCAAGAACUCGUCCGGG GUAGGAAACUCCCUUCAAGAAACUCCCCUCCAGGAAACUCCCCCGGG 6313 UUCGACAACA 14670 ACCCACCAC GAGGAAAACUCCCCUUCAAGAACUCCCCCGGG CUACCACCA 6324 CCACCACCA 14671 GUCCACACACA GAGGAAACACCCCCUUCAAGAACACCCCCGGG AGUCCACACA GAGGAAACACCCCCUUCAAGAACACCCCCGGG AGUUGCAAACA AGUAGAACACCCCCUUCAAGAACACCCCCUUCAAGAACACCCCCGGG CAGUAGAACACACACACACACACACACACACACACACACA	4606	6424	J G	14661	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36396
64392 UNCACCOG G COUCUAN 14665 AUTORAGGG G GROGORAR 14665 GRANARAD	4611	6419	9	14662	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36397
6392 UCCAGECCO G GEOUDICAR 14664 UCUGAGAAL GRAGABAACUCCCUUCAAGGACAUCGUCCGGG GGCCUGGA 6385 AGGECUTAR G ABUCUUCC 14666 GGAAGUARU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGCUCAR 6360 AGCUTCGU G ABUCUUCC 14666 GUAGUACU GAGGACA ACCUTCGG ACCUTCGG ACCUTCCA ACCUTCGG ACCUTCGC ACCUTCGG GGAGGAACACCCCTCCTCAAGGACACACCCGGGGACAACGACGACGACGACGACGAC	4622	6408	J G	14663	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36398
6386 COGGOUDO O AMUDUDOC 14665 GARARADU GAGGARAACUCCUUCAAGGACAUCGUCCGGG ACGAAGCU 63360 AGCUUCOU G AUGACUCA 14667 GAAGGARAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCU 6337 UUCGUGAU G AUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACGAACACACGGGAACAUCGUCCGGG AUCACGAACACACACACACACACACACACACACACACACA	4638	6392	Ö	14664	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36399
6350 AGCUNCOUR G AUGACUUC 14666 GAAGUCANI GRAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCAA 6314 UUCGUUGU G AUGACUCA 14668 TUGGAAGGAACUCCUUCAAGGACAUCGUCCGGG ACGAAGAACUCCCUUCAAGGACAUCGUCCGGG AUGACAAA 6314 UUCGUUGU G ACCANCAA 14668 UUGAUGGU GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG UAGACAAA 6315 UUCGUCAA GACCAUCA 14669 UUCAAUGG GGAGGAAACUCCCUUCAAGGACACUCGGGG UAGACAAA 6236 CCAACCUCA GACCAUCAA 14670 UCACACGACG GGAGGAAACUCCCUUCAAGGACACUCGGGG CUAGACAACUCCCUUCAAGGACAACUCGUCCGGG 6231 CCAACCUCA 14671 UGGAGGGAAACUCCCUUCAAGGACACUCGUCCGGG AUGACCCGG AUGACCCGG AUGACCCGG AUGACCCGGGAAACUCCCUUCAAGGACAACUCCCUUCAAGGACAACUCGUCCGGGG AUGACACCGGGAAACUCCCUUCAAGGACAACUCCCUUCAAGGACAACUCGUCCGGGGAACUCGGCCGGGGAAACUCCCUUCAAGGACAACUCGUCCGGGGGAAACUCGUCCGGGGGAAACUCCCUUCAAGGACAACUCGUCCGGGGGGAAACUCGUCCAGGGAAACUCGUCCGGGGGAAACUCGUCCGGGGGAAACUCGUCCGGGGGAAACUCGUCCAGGGAAACUCGUCCAGGGAAACUCGUCCGGGGGAAACUCGUCCGGGGAAACUCGUCCGGGGGAAACUCGUCCGGGGAAACUCGUCCGGGGAAACUCGUCCGGGGAAACUCGUCCGGGGAAACUCGUCCGGGGAAACUCGUCCGGGGAAACUCGUCCGGGGAAACUCGUCCGGGGAAACUCGUCCGGGGAAACUCGUCCAGGGAAACUCGUCCGGGGAAACUCGUCCGGGGAAACUCGUCCAGGGAAACUCGUCCGGGGAAACUCGUCCGGGGAAACUCGUCCAGGGAAACUCGUCCAGGGAAACUCGUCCAGGGAAACUCGUCCAGGAAACUCGUCCAGGGAAACUCGUCCAGGGAAACUCGUCCAGGGAAACUCGUCCAGGGAAACUCGUCCAGGGAAACUCGUCCAGGGAAACUCGUCCAGGAAACUCGUCCAGGAAACUCGUCCAGGAAACUCGUCCAGGAAACUCGUCCAGGAAACAACAAACA	4645	6385	Ð	14665	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36400
6357 UUCGUGAN G ACUCICACA 14667 GUGGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACGAAA 6313 UUGGUCUN G GACCAUCA 14669 UGAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGACAA 6313 UUGGCCUAG G GUCGUACA 14679 ACCACGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAGGACA 6222 CCCACCUC G GUCGUGGG 14671 ACCACGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAGGACA 6232 CCCACCUC G GUCGUGGG 14671 ACCACGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAGGACA 6232 GCCAAACU G GUAGAUCA 14671 UGGACGUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACGGG 62342 GCCAAACU G GUAGAUCA 14673 AGACCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGGG 62342 AACUCCAC GAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGGG 62342 AACUCCAC GAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGGG 62342 AACUCCAC G AAACUCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGGG 62343 AACUCCAC G AAACUCUU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGGG 62343 AACUCCAC G GUAGUCC 14671 ACGCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGGG 62446 ACCACGCG GUAGUCCAC AAACUCCU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGGG 62446 ACCACGCG GUAGUCCA GGAAAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACGGG 6138 CCACCACA G GAACUCCC 14671 GGGAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACGGG 6138 CCACCACA G GAACUCC 14681 AAACUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACGGG 6138 GCACCACA G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACGGG 6138 GCACCACAC 14681 AACUCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCACGGG 6138 GCACCACAC 14681 GACCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCACGGG 6139 AACCCACAC 14681 GACCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCACGGG 6139 AACCCACA 14681 GACCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCACGGG 61031 AACCCACA 61040404	4670	0989	J G	14666	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36401
6314 UNDUCCUA G GACCAUCAA 14668 UGANUGUC GARGGAAAUCCUUCAAGGAAUCGUCCGGG UNGGACAA 6313 UUDUCCUAG G ACCAUCAA 14670 ACCACAGAC GAGGAAAAUCCCUUCAAGGAACUCGUCCGGGG CURGAGAAA 6314 CCACCUCG G GUCGUCAA 14670 ACCACAGAC GAGGAAAAUCCCCUUCAAGGACAUCGUCCGGGG GAGGAGAAA 6218 CCACCUCG G GUCGUCAA 14671 UGUCCAGAC GAGGAAAAUCCCCUUCAAGGACAUCGUCCGGGG ACGACGGG 6218 CCACCUCCA 14671 UGCACACAC GAGGAAAAUCCCCUUCAAGGACAUCGUCCGGG ACGACGGG 6218 CCACACAC ACACUCCAA 14673 AGAGGAAA AGAGGAAAAUCCCCUUCAAGGACAUCGUCCGGG ACGACGGG 6218 CCCACACAC GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG ACGACGACGACGACGACGACGACGACGACGACGACGACGA	4673	6357	J G	14667	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36402
6313 UDUDICUMO G ACCAUCLA 14659 UDDAUGOR GRAGABARUCCCUUCAAGGARUCGUCCGGG CURGGACA 6292 CCACCUCC G GUCGUGGA 14671 UGCACGARA 16671 UGCACGARA 16672 UGGAGGARA 16671 UGCACGARA 16672 UGCACGARA 16672 UGCACGARA 16672 UGCACGARA 16672 UGCACGARA 16673 AGAUCUCA 16673 AGAUCUCA 16673 AGAUCUCA 16674 UGCACGARA 16674 UGCACGARA 16676 UACCGGARA UGCACGARA 16676 UACCGGARA 16679 UACCGGARA 16679 UACCGGARA 16679 UACCGGARA 16679 UACCGGARA 16679 UACCGGARA 16679 UACCGGARA 16679 <td< td=""><td>4716</td><td>6314</td><td>Ð</td><td>14668</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36403</td></td<>	4716	6314	Ð	14668	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36403
6239 CCACACCUC G GUCGUGGG ACCACGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCGUCCAAGGACAUCGUCCGGG 6286 CCGGAACU G GAGAUCC 14671 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACCCGG 6281 GCCAAACU G GCAAACU 14671 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACCCGG 6214 GCCAAACU G GCAAACU 14673 AAAACUUCG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACCCGG 6214 CAGUUCCA 14673 AAAACUUCG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACCGGG 6189 AACUGGCA AAAACUUCG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGGAA 6189 UCUCGUU GAGAUGGA GGAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGGAAACUCCCUUCAAGGACAUCCGUCCGGG AGAGGGAAACUCCCUUCAAGGACAUCCGUCCGGG AGAGGGAAACUCCCUUCAAGGACAUCCGUCCGGG AGAGGGAAACUCCCUUCAAGGACAUCCGGG AGAGGGAAACUCCCUUCAAGGACAUCCGGG AGAGGGAAACUCCCUUCAAGGACAUCCGUCCGGG AGAGGGAAACUCCCUUCAAGGACAUCCGUCCGGG AGAGGGAAACUCCCUUCAAGGACAUCCGGG AGACGGGAAACUCCCUUCAAGGACAUCCGGG AGACGGGAAACUCCCUUCAAGGACAUCCGUCCGGG AGACGGGAAACUCCCUUCAAGGACAUCCGGG AGACGGAGAAACUCCCCUUCAAGGACAUCCGGG AGACGGAGGAAACUCCCCUUCAAGGACAUCCGGG AGACGGGAAACUCCCUUCAAGGACAUCCGGG	4717	6313	ט	14669	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36404
6286 CCGGGUCCUJ G GUMUNACA. 14671 UGGUCAUNC GARGGAAACUCCCUUCAAGGACAUCCGUCCGGG AUGACGGG 6281 GCGAAACU G GUMUNCA. 14673 AGAUCUCC GARGGAAACUCCCUUCAAGGACAUCCGUCCGGG AUGACGGG 6282 AACUGGCA G AUCUCCA. 14673 AGANCUCC GARGGAAACUCCCUUCAAGGACAUCCGUCCGGG AUGUCGG 6214 CAGUUCCA G AACUGCA. 14673 ACAGUCCC GAGGAAACUCCCUUCAAGGACAUCCGUCCAGG 6184 CAGUUCCA G AACUGGA. 14673 AAAACUU GAGGGAAACUCCCUUCAAGGACAUCCGUCCGGG UGGAACUCGCGG 6184 CAGUUCCA G AACUGGA. 14679 AAAACUU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACUCGGG 6184 CUCUCGUU G AACUGGA. 14679 CUACGGGG AAAUCUU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGAACUCGUCCAGGAACUCGUCCGGG GAGGAACUCGUCCAGGAACUCGUCCGGG GAGGAACUCCCUUCAAGGACAUCGUCCGGG GAGGAACUCCCUUCAAGGACAUCGUCCGGG GAGGAACUCGUCCAGGAACUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCAACAACUCGUCCAGG GAGCAACAACAACAACAACAACAACAACAACAACAACAAC	4738	6292	Ð	14670	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36405
6281 COUGGAMOUGH G ACKNUCCAN 14672 UGGAGGUAD GGAGGGAAACUCCCUUCAAGGACAUCGUCGGGG AUACCACG 6242 ACCUARACU G GAGGAAACU GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUUGGC 6214 AACUGGCA G AAACUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUUGGC 6214 AAACUGCA G AAAACUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACUC 6189 UCUACCACU G AGCGAUA 14676 UACCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUCAGA 6184 UCUACACU G GUAUUACC G GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGGGA 6184 UCUACACU G GUAUUACC G GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGGGU 6184 UCUACACU G GUAUUACC G GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG AGAGCGUG 6146 CACCUCCAU G GUAUUACC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGCGUG 6146 CACCUCCAU G GUAUUACC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGCGUG 6146 CACCUCCAU G GUAGAAACUCCCUUCAAGGACAUCGUCCGGG AGACCGUG 6189 CUCCAGUU G GUAGAACU 14681 CACCAGUC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACCGUG 6118 GAUCAGUC G GUAGAACU G GAACGAAACUCCCUUCAAGGACAUCGUCCGGG AGACCGUG 6118 GAUCAGUC G GUAGAACU G GAACGAAACUCCCUUCAAGGACAUCGUCCGGG AGACCGUG 6118 GAUCAGUC G GAACGACA CCCCUUCAAGGACAUCGUCCGGG AGACCGUG 6118 GAACUGAU G GAACGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6118 GAACUGAU G GAACGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6118 GACCGAAU G GAACGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6118 GACCGAAU G GAACGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6118 GACCGAAU G GAACGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6118 AACUCGGC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6118 AACUCGGC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6118 AACUCCAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACUUCG 6118 AACUCCAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACGAAGA 6118 AACUCCAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACGAAGA 6118 AACUCCAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACGAAGA 6118 AACUCCAG GAACGAAGA 6118 AACUCCAG GAACGAAACACCCCUUCAAGGACAACCCCUUCAAGGACAACCCGGG GAACGAAGA 6118 AACUCCAG GAACGAAGA 6118	4744	6286	D (14671	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36406
6242 GCCAAACU G GCRAAUCU 14673 AGAUCUGO GGAGGAAACUCCCUUCAAGGACAUCGGUCGGG AGUUUGGC 6218 AACUGGCA AAACUGGUC GAAGGAAACUCCCUUCAAGGACAUCGGUCGGG JAACUGGUC 6218 CAACUGCA 14676 AAAACUU JAAAACUU JAAAACUU 6189 UCUCCUCU AAAACUU J4677 JAAAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6189 UCUCAUCU AGCCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG JAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6184 UCUCAGU G GUAUUCCC 14679 GGAGAUBA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG JAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG JAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG JAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG JAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG JACGGGAAACUCCCUUCAAGGACAUCGUCCGGG JACGGGAAACUCCCUUCAAGGACAUCGUCCGGG JACGGGAAACUCCCUUCAAGGACAUCGUCCGGG JACGGGAAACUCCCUUCAAGGACAUCGUCCGGG JACGGGAAACUCCCUUCAAGGACAUCGUCCGGG JACGGAACUC JACGGAACUC JACGGAACUC JACGGAACUC JACGGAACUC JACGGAACUCCCUUCAAGGACAUCGUCCGGG JACGCAACUC JACGGAACUCCCUUCAAGGACAUCGUCCGGG JACGGAACUC JACGGAACUCC JACGGAACUC JACGGAACUC JACGGAACUC JACGGAACUC JACGGAACUC JACGGAACUC	4749	6281	Ð	14672	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36407
6:218 AACUGGCA G NUCUGCAGO 14674 CUGCAGAN GGAGGAAACUCCCUUCAAGGACAUCGGCGGG UGGCAGUU 6:214 CAGUUCCU G AAGUUCCU 14675 AAAGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAGACAUCGUCCGGG 6:189 UCUCCGCU 14676 UACCGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGUG 6:189 UCUCAGCU GUANAUAC 14677 GGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGAGA 6:146 CCAUCCAU G GUANAUAC 14679 CAGGGAACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGAGA 6:148 CCAUCCAU G GUANAUAC 14680 AAUUCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCGGUG 6:148 CCAUCCAU G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGGG AACAGGGC AACCAGGG AACAGGGC AACAGGGG AACAGGGC AA	4788	6242	Ð	14673	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36408
6314 CARUNCCA G ARAGUUUU 14675 ARAACUUU GGAGGAAACUCCCUUCAAGGACAUCGGGG UGGAACUG 6189 UCUCCUCU G AGCCGGU 14676 UACCGGU GGAGGAAACUCCCUUCAAGGACAUCCGGG AGGGCGAA 6184 UCUGAGCC 14674 GGAGGAAACCGCCUUCAAGGACAUCCCGGG AGGCCUCGG 6186 CCAUCCAU G GUUUGCCCC 14677 GUAAAAC GGAGGAAACCCCCUUCAAGGACAUCGGGG 6118 CCAUCCAU G GUUGGUA G GUUGGUA G GUUGGUA G GUUGGUA G GUAACACC 6118 CCAUCCAU G GUUGGUA G GUUGGUA G GUUGGUA G GUUGGUA G GUAGGAAACUCCCUUCAAGGACAUCGCCGGG AUGCGGG 6118 GAUGGAAC 14681 GCUCAAUU GAAGGAACUCCCUUCAAGGACAUCGGCGGG AUGCGACG 6118 GAUGGAAC 14681 GCUCAAUU GAAGGGAAACUCCCUUCAAGGACAUCGGCGGG AUCCAGCG 6119 GUCCAGUA GAACAGGG GAAGAGGAACUCCCUUCAAGGACAUCGGCGGG AUCCAGCG 6119 GUCCAGUA GAACAGGG GAAGAGAACUCCCUUCAAGGACAUCGGCGGG AUCCAGCC 6119 GUCCAGUA GAACAGGG GAAGAACAUCCCCUUCAAGGACACCGGCGGAACCCGGGG <td< td=""><td>4792</td><td>6238</td><td>D 1</td><td>14674</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36409</td></td<>	4792	6238	D 1	14674	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36409
6189 UCUCCUCU G AGCCGGUA 14676 UACCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGAA 6184 UCUGAAGCC G GUAUUCCC 14677 GGGAAUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGAGA 6184 CCAUCCAU G GUAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGAGA 6184 CCAUCCAU G GUAGGAA 14678 GUACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 6118 CACCUCGU G GUAGGAA 14680 AAUUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6118 GGUUGGUA G AUGAGAA 14681 GCUCAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6118 GGUUGGUA GAACGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGGG AACCAGGG <td< td=""><td>4816</td><td>6214</td><td>Ð</td><td>14675</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36410</td></td<>	4816	6214	Ð	14675	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36410
6184 UCUGARGC G GUAUNUCC 14677 GGGRADIAC GBAGGAACUCCCUUCAAGGACAUCGGGG GCUCAGA 6168 CCAUCCAU G GUAUNUAC 14678 GUAUNAUC GBAGGAACUCCCUUCAAGGACAUCGUCGGG AUGGAUGG 6146 CACACCAU G GUAGGAACUCCCUUCAAGGACAUCGUCGGG AUGCAUGG 6146 CACACACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUCCAACC 6133 GUAGAAUU G GUAGAAUU 14680 AAUUCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCCACCCUUCAAGGACAUCGUCCGGG 6134 GUAGCAUU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCCUCAC 60AGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCUAC 6129 AAUUGAGC 14683 GGACUGAU GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCUAC 6129 AAUUGAGC 14683 GGACUGAAU GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCCUAC 6129 AAUUGAGC 14684 CAACAUGC GAGAGAAACUCCCUUCAAGGACAUCGGG AACUUCGGG AACUUCGC GAGAGAAACUCCCUUCAAGGACAUCGGG AACUUCGGG GACACAAU GAGACAAU GAACACACG GAGAGGAAACUCCCUUCAAGGACAUCGGGG AACUUCGG GAGACAAU GAACAACA GAACAACA GAACAACA GAACAACA GAACAACA GAACAACA GAACAACA GAACAACA GAACAACAA	4841	6189	0	14676	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36411
6168 CCAUCCAN G GUARNAAC 14678 GUARDADAC GRAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGAUGG 6146 CACUCGGUU G GUAGARUU 14679 CUACCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGAUG 6142 CUCUGGGUU G GUAGARUU GAUDCAUCG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6133 GAUDGARUU GAUGGUUCG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6129 AAUUGAAC AAUUCUAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCCCCUCCAGG 6129 AAUUGAAC GACAUGAU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCCCCUCCAGGAAUCGUCCGGG 6129 AAUUGAAC GACAUGAU GAGCAUCA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG 6120 AAUUGAAC GACACAUG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCUAC 6120 AAUUCUAC GACACAUG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUUCGC 6121 GUCCGAUGU GACCGAACA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUUCGC 6124 GUCCAAUU GACCGAACA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUUCGC 6072 GUCCAAUU GACCGAACU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUUCGC 6073 <	4846	6184	Ö	14677	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36412
6146 CANCIGCUCU G GUUGGUAG 14679 CUACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6142 CUCUGGGU G GUAGAAUU 14680 AAUUCUAC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6138 GGUUGGUA 14681 GCUCAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAC 6113 GUAGAAUU AACGAUUC 14681 GGACUGAU GGAGGAAACUCCCUUCAAGGACAUCGGG AAUUCUAC 6116 GUCCGUUU 14682 GGACUGAU GGAGGAAACUCCCUUCAAGGACAUCCGGG AAUUCGAC 6118 GGACUGUU 14684 CAACAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCGAC 6108 GGACUGUU 14685 GCACCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCGAC 6093 UCCAGCAU GAACGAAU GGACGAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCGAC 6072 UCCAGAU GAACGAAU GGACGAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUGGA GAGGGAAAU <td>4862</td> <td>6168</td> <td>Ð</td> <td>14678</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36413</td>	4862	6168	Ð	14678	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36413
6142 CUCUGGUU G GUAGAAUU 14680 AAUUCUAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAG 6138 GGUUGGUA G AAUUCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCAAUC 6133 GUAGAAUU GACCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCAAUU 6129 AAUUGAGC 14683 GGACUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCUAC 6116 GUCCGUU G ACCAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCUAC 6116 GUCCGUU G ACCAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUUCGC 6108 GGCAUGUU GACACGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AACUUCGC 6073 UCCAGAAU 14689 AACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AACUUCGC 6073 UCCAGAAU 14689 AACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AACUUCGC 6073 AGUCCAUU 14689 AACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AACUUCGC 6073 AGUCCAUU 14689 ACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUUCGC 6062	4884	6146	Ö	14679	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36414
6138 GGUUGGUR G AAUUGAGC 14681 GCUCAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCAAUU 6133 GUAGGAUCG 14682 UGAUCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCUAC 6129 AAUUGAGC G AUCAGUC 14683 GGACUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCUAC 6116 GUCCGUUU G GCAUGUUG 14684 CAACAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGAC 6108 GGCAUGUU G GCACAAUU 14685 GAACAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGAC 6073 UCCAGCAU G AUUCUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGGAC 6073 AGUCCAAU G GCCCAAGU 14686 GCACGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGACA 6073 AGUCCAAU G GCCCAAGU 14689 ACUUCGCC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAC 6073 AGUCCAAU GGCGAAGU 14689 ACUUCGCC GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG GCACUGGA 6074 AGUCCAAU GGCGAAGUU 14689 AGACGACU GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG GCACUGGA 6062 CAAUGGGC AAGUCCGU GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG GCACUGGGGAAACUCCCUUCAAGGACAUCGCCGGG GCACUGGGGAAACUCCCUUCAAGGACAUCGGCCGGG GCACAUGGACCCUUCAAGGACAUCGGCCGGG GCACAUGGACACUCGGG GCACACUCGACGGG GCACACUCGACGGG GCACACAUGGACCCUUCAAGGACACCCUUCAAGGACACACGGCCCACACACA	4888	6142	0	14680	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36415
6133 GUAGAAUU G AGCGAUCA 14682 UGAUCGCU GAGGAAACUCCCUUCAAGGACAUCGGGG AAUUCUAC 6129 AAUUGAGC G AUCAGUC 14683 GGACUGAU GGAGGAAACUCCCUUCAAGGACAUCGGGG GCCCAAUU 6116 GUCCGUUU G GCAUGUUG 14684 CAACAUGC GGAGGAAACUCCCUUCAAGGACAUCGGCGGG GCCCAAUU 6108 GGCAUGUU G AUCUGUC 14685 GACCGAAU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG AACAUGCC 6093 UCCAGCAU G AUUCGUC 14686 GCACGAAU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG AACAUGGAC 6073 AGUCCAAU G GCCCAAGU 14686 GCACGAAU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG AUUGGAC 6074 AGUCCAAU G GCCCAAU GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG AUUGGAC GAGGGAAACUCCCUUCAAGGACAUCGGCCGGG AUUGGAC 6069 CAAUGGGC AAUUCGC GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG AUUGGAC GAACGACU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG AUUGGAC 6069 CAAUGGC AAUCCGU GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG GAAGUUG GAACGACU GGAGGAAACUCCCUUCAAGGACAUCGGG GCCCAUUG 6069 CAAUGGC AAGACGAC GGAGGAAACUCCCUUCAAGGACAUCGGGG GCAAGAUUG GAAGGAC GGAGGACA	4892	6138	٥	14681	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36416
6129 AANUGAGC 14683 GGACUGAU GGAGGAAACUCCCUUCAAGGACAUCGGG GCAAGUU 6116 GUCCGUUU G GCAUGUUG 14684 CAACAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AAACGGAC 6108 GGCAUGUU G AUGUUGUC 14685 GACAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACGGCC 6093 UCCAGCAU G AUUCGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACGGCA 6072 GUCCAAU G GCGAAGU GGAGGAAACUCGCCUUCAAGGACAUCGUCCGGG AUUGGAC 6073 AGUCCAAU G GCGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AUUGGAC 6074 GUCCAAU G GCGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AUUGGAC 6063 CAAUGGGC GAGGAAACUCCCUUCAAGGACAUCGUCCGG GAUUGGAC 6064 CAAUGGGC GAGGAACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GAUUGGAC 6065 CAAUGGGC AGGUCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GCCCAUUG 6061 CAAUGGGC AGGUCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GCCCAUUG 6061 CAACUUCA AGGCGAC GGAG	4897	6133	0	14682	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36417
6116 GUCCGUUU G GCAUGUUG 14684 CAACAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAUGGCC 6108 GGCAUGUU G AUGUUGUC 14685 GACCACAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGAC 6093 UCCAGCAU AUUCGUC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAC 6072 GUCCAAU G GCCAAGU 14687 ACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAC 6072 GUCCAAUG G GCGAAGU 14689 ACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAC 6062 CAAUGGGC AAGUUCGA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG GCCCAUUG 6063 CAAUGGGC AAGUUCGA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG GCCCAUUG 6064 CAAUGGGC AAGUUCGC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG 6065 CAAUGGC AAGUUCGU GAACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG 6066 CAAUGCGC AAGUUCGU GAACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAGUUC 6011 CAAAAGGUC AAGUCCUC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAGGAU	4901	6129	O	14683	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36418
6108 GGCAUGUU G AUGUUGUC 14685 GACAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUCGA 6093 UCCAGCAU G AUUCGUGC 14686 GCACGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCUGAU 6072 GUCCAAU G GCGAAGU 14689 ACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGAC 6062 CAAUGGGC AAGUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUGGAC 6063 CAAUGGGC AAGUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUGGAC 6064 CAAUGGGC AAGUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG 6065 CAAUGGCC AAGUCGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG 6066 CAAUUCGC AAGUCGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG 6011 CAACUUCC AAGUCGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG 6008 CUUGCGAC AAGUCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG 6009 CUUGCGAC AAGACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG 6001 UUGCGAC AAGACGACU	4914	6116	0	14684	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36419
6093 UCCAGCAU G AUUCGUGC 4686 GCACGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCUGGA 6073 AGUCCAAU G GGCGAAGU 14687 ACUUCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGACU 6072 GUCCAAUG G GCGAAGU 14689 AACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUGGAC 6062 CAAUGGGC G AAGUUCGA 14689 UCGAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACUUGG 6011 CAACUUGG AGACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACUUGG 6012 CAAAGUUC AGACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUUGG 6013 CAAACUUGG AGACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAGUUGG 6007 UUGCGAC GAACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGAAG 6007 UUGCGAC AAAUCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGCAA 6007 UUGCGAC AAAUCCGU GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GCUCGCAAG 5980 ACGUCUCA AAACGUCCC GGACGACA GAACGACAC GAACGACAC 6007 UUGCGAC AAACCGCC <td>4922</td> <td>6108</td> <td>0</td> <td>14685</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36420</td>	4922	6108	0	14685	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36420
6073 AGUCCAAU G GGCGAAGU 14687 ACUUCGCC GGAGGAAACUCACCUUCAAGGACAUCGUCCGGG AUUGGACAUCGUCCGGG AUUGGACCAUCGUCCGGG AUUGGACCAUCGUCCGGG CAUUGGAC GAAGUUCGC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUGGAC GAAGUUCG AACUUCGC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACUUCG GAAGUUCG AAACUUCGC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUUCG GAAGUUCG AAAUCCGU GAAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUUGG GAAGUUCG AAAUCCGU GAAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUUGG GAAGUUCG GAAGUUCG GAAGUUCG GAAGUUCG GAAGUUCG GAAGUUCG GAAGUUCG GAAGUUCG GAAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GCUCGCAA 6007 UUGCGAC GAUUUCUAC 14693 GUAGAAAU GAAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GGUCGCAA GGUCGCAA GGUCGCAAACUCCCUUCAAGGACAUCGUCCGGG GGUCGCAAA GGUCGCAAAACUCCCUUCAAGGACAUCGUCCGGG GGUCGCAAAACUCCCUUCAAGGACAUCGUCCGGG GGUCGCAAAACUCCCUUCAAGGACAUCGUCCGGG GGUCGCAAAACUCCCUUCAAGGACAUCGUCCGGG GGUCGCAAAAACUCCCUUCAAGGACAUCGUCCGGG GGUCGCAAAAAACUCCCUUCAAGGACAUCGUCCGGG GGUCGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	4937	6093	0	14686	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36421
6072 GUCCAAUG G GCGAAGUU 14688 AACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUGGAC 6069 CAAUGGGC G AAGUUCGA 14689 UCGAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG 6062 CGAAGUUC G AGUCGUC 14690 AGACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACUUCG 6011 CAACUUGC AGACGAUU 14691 AAAUCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAGUUG 6007 UUGCGAC G GAUUUCUAC 14692 UAGAAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUCGCAA 6007 UUGCGAC G AUUUCUAC 14694 GAACGUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGCAA 5980 ACGUCUCU ACGUCGCC GAACGUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGCAAA GAUGCGCAC 5980 ACGUCUCU 14694 GACCGUAU GAACGAAAACUCCCUUCAAGGACAUCGUCCGGG GUUGCAAA 5979 CGUUCUCU 14696 AGUCCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGAAAA 5979 CGUUCUCU GACGCCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUAGAACUCCCUUCAAGGACAUCGUCCGGG CGUAGAACUCCCUUCAAGGACAUCGUCCGGG CGUAGAACUCCCUUCAAGGACAUCGUCCGGG CGUAGAACUCCCUUCAAGGACAUCGUCCGGG CGUAGAACUCCCUUCAAGGACAUCGUCCGGG CGUAGAACUCCCUUCAAGGACAUCGUCCGGG CAGAGACGACCGCG CGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGACGACCAUCGGCCCGGG CAGAGACCACCGCCCCGCGCCCCGCCC	4957	6073	0	14687	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36422
6069 CAANGGGC G AAGUUCGA 14689 UCGAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAUUG 6062 CGAAGUUC G AGUCGUCU 14690 AGACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUUCG 6011 CAACUUGC G ACGGAUU 14691 AAAUCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GCAAGUUG 6007 UUGCGAC G GAUUUCUAC 14692 UAGAAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUUGCGAA 5597 UUUCUACC G AUACGUCC 14694 GGACGUAU GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GGUGGAAA 5580 ACGUCUCU GGCGGCAC 14695 GUGCCGC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GGUGGAAA 5579 CGUUCUCU GGCGGCAC 14696 AGUCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAGAAA 5579 CGUUCUCU GGCGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACGU 5579 CGUUCUCU GGCGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACGAC 5579 CGUUCUCU GGCGCCC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGACAC 5579 CGUUCUCUG GGCCGCC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG	4958	6072	٥	14688	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36423
6062 CGAAGUUC G AGUCGUCU 14690 AGACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GAACUUCG 6011 CAACUUGC G ACGGAUU 14691 AAAUCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GCAAGUUG 6008 CUUGCGAC G GAUUUCUA 14692 UAGAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUCGCAA 6007 UUGCGACG G AUUUCUAC 14694 GAACGUAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUUGGAAA 5997 UUUCUACC G AUACGUC 14694 GAACGUAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGUAGAAA 5980 ACGUCUCU G GGCGCAC 14696 AGUGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGAGACGU 5979 CGUUCUUG G GCGGCAC 14696 AGUGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGAGACG 5976 CUUCUGGG G GCACUAG GCACUAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGAGACG	4961	6909	Ö	14689	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36424
6011 CAACUUGC G ACGGAUUU 14691 AAAUCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GCAAGUUG 6008 CUUGCGAC G GAUUUCUA 14692 UAGAAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUCGCAA 6007 UUGCGACG G AUUUCUAC 14694 GUAGGAAA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAGAAA 5980 ACGUCUCU 14694 GGACGUAU GGACGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAGAAA 5980 ACGUCUCU GGCGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAGAAC 5970 CGUCGCAC 14695 AGUGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACGU 5976 CGUCUCUG GCGCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACG AGAGACGU 5976 CUCUGGGC GCACAGAGC GAAGACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGACG	4968	6062	0	14690	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36425
6008 CUUGCGAC G GAUUUCUA 14692 UAGAAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG GUCGCAAG 6007 UUGCGACG G AUUUCUAC G AUUUCUAC G AUUUCUAC G AUUCCUAC G AUGGCGCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCGCAA 5990 ACGUCUCU G GGCGCAC 14699 GGACGUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACGU 5970 CGUCUCUG G GCGCACC 14696 AGUGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGACG 5976 CUCUGGGC G GCGCACUAGC 14697 GCUAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGACG 5976 CUCUGGGC G GCACUAGC GCACGAGG GCCCAGAG	5019	6011	ט	14691	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36426
6007 UUGCGACG G AUUCCUAC G AUACGUCC G GGGGGCAC G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAGAAA S979 CGUCUCUG G GGGGCACU 14695 AGUGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGACG AGAGACGU G GCGCACUAGC G GCGCACUAGC G GCGCACUAGC G GCGCCAGAG GCCCAGAG GCCCCAGAG GCCCCAGAG GCCCAGAG GCCCCAGAG GCCCAGAG GCCCCAGAG GCCCCAGAG GCCCCCAGAG GCCCCCAGAG GCCCCAGAG GCCCCAGAG GCCCCAGAG GCCCCAGAG	5022	8009	Ö	14692	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36427
5997 UUUCUACC G AUACGUCC 14694 GGACGUAU GGACGUAU GGACGUAU GGACGUCCCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AGAGACGU 5979 CGUCUCUG GGGGCACU 14696 AGUGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AGAGACAC 5976 CUCUGGGC GCGCCACAC GCTAGUGC GGAGGAAACUCCCTUCCAAGGACAUCGUCCGG GCGAGAGACG	5023	6007	ט	14693	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36428
5980 ACGUCUCU G GGCGCACA 14695 GUGCCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACGU 5979 CGUCUCUG G GCGCACA 14696 AGUGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGACG CACAGAG CA	5033	5997	Ö	14694	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36429
5979 CGUCUCUG G GCGCACU 14696 AGUGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGACG 5976 CUCUGGGC G GCACUAGC 14697 GCUAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAGAGG	5050	5980	Ö	14695	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36430
5976 CUCUGGGC G GCACUAGC 14697 GCUAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCAGAG	5051	5979	0	14696	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36431
	5054	5976	ט	14697	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36432

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5076	5954	UCACUGCA G AUGGUUCU	14698	AGABACTE CONTROLLED AGABACTECONTROL AGABACTECONTROL	36433
5079	┡-	CUGCAGAU G GUUCUCCC	14699	GGAGGAAACUCCCUUCAAGGACAIICGIICCGGG	36434
5089	Н	Ø	14700	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36435
2090	-	ag G	14701		36436
5117	\dashv	ט	14702		36437
5120	+	ט	14703	AAACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAUAAC	36438
5124	5906	ט	14704	UGUGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAUCA	36439
5140	4	o	14705	,	36440
5165	-	ט	14706	GCUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCGAG	36441
5184	4	CCAUUUCA G AUAUGUCU	14707	,	36442
5198	-	UCUGUUGU G AUAACAAA	14708	,	36443
5232		UACAUUUU G GGUACUCC	14709	,	36444
5233	4	JG G	14710	1	36445
5250	-	Ø	14711	CAGAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUACGAGA	36446
5266	-	ט	14712	AAGUAGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUGAAC	36447
5267	4	JG G	14713		36448
5293	-	O	14714	,	36449
5299	-	9	14715	AGAUUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGCCUA	36450
2300	5730	0	14716	GAGAUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGCCU	36451
5321	5709	0	14717	CCUAGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAUGGG	36452
5328	5702	9	14718	GUUUGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGUGUCA	36453
5351	5679	פ	14719	GAAUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAAGAC	36454
5363	2995	O	14720	GAAUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAAUA	36455
5379	5651	0	14721	UNGGAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUACG	36456
5392	5638	ט	14722		36457
5397	5633	o	14723	UGAGAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUCGAG	36458
5398	5632	ט	14724	CUGAGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAUCGA	36459
5399	5631	უ ტ	14725	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36460
5417	5613	0	14726		36461
2418	5612	0	14727	1	36462
5424	2606	ט	14728		36463
2427	5603	ָט ב	14729	GUCCAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAUUU	36464
5432	5598	0 2	14730		36465
5433	5597	ا ت	14731	CCCAGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUUCAC	36466
5439	5591	0	14732	1 '	36467
5440	5590	O	14733	,	36468
5441	5589	ט	14734	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36469
5445	5585	ט ב	14735	UUCAGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCCAG	36470
5446	5584	v	14736	CUUCAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUCCCA	36471
5451	5579	AUGGAUCU G AAGUGCCU	14737	AGGCACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUCCAU	36472
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5460	5570	ט	14738.		36473
5463	5567	O	14739	AGCCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAGGCA	36474
5464	5566	D	14740	CAGCCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCAGGC	36475
5465	5265	ccueenea a eneecnen	14741	ACAGCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCACCAGG	36476
5468	5562	೮	14742	AUGACAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCCACC	36477
5477	5553	GCUGUCAU G AAUAUUGC	14743	GCAAUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGACAGC	36478
5504	5526	ccuageuc a accumigu	14744	ACAAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCUAGG	36479
5513	5517	Ð	14745	UACAUTUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAAGGU	36480
5514	2216	DG G	14746	UNACAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAAAGG	36481
5544	5486	ø	14747	CACCGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUAGCA	36482
5545	5485	ŋ	14748	UCACCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCUAGC	36483
5549	5481	GCUGGGUC G GUGAAAUG	14749	CAUTUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCAGC	36484
5552	5478	Q	14750	GCUCAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGACCC	36485
5557	5473	ย	14751	AUGAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUCACC	36486
5573	5457	UCCAUCAC G AACAGGUU	14752	AACCUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAUGGA	36487
5578	5452	CACGAACA G GUUGUAGU	14753	ACUACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUCGUG	36488
5589	5441	O	14754	CAGGGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACUACA	36489
5599	5431	CACCCUGU G AGGAGACA	14755	UGUCUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGGUG	36490
2601	5429	o	14756	GAUGUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACAGGG	36491
5602	5428	ซ	14757	UGAUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACAGG	36492
5604	5426	D	14758	GCUGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUCACA	36493
5617	5413	O	14759	CCCUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGCUG	36494
5618	5412	ט	14760	ACCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGGCU	36495
5621	5409	O	14761	GCUACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCACAG	36496
5623	5407	ט	14762	AUGCUACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCCAC	36497
5624	5406	ט	14763	CAUGCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCCA	36498
5632	5398		14764	UCAUGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCUACC	36499
5639	5391	٥	14765	GUUGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGUCA	36500
5672	5358	ᇰ	14766		36501
5673	5357	ט	14767	1	36502
5681	5349	O	14768	CAGACAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGUGCC	36503
5682	5348	ט	14769	CCAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAGUGC	36504
5689	5341	០	14770	UCCGGUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACAUCC	36505
5695	5335	ø	14771	UGCCCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUACCAG	36506
5696	5334	O	14772	CUGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUACCA	36507
5699	5331	0 2	14773	GGACUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCGGUA	36508
5700	5330	- 1	14774	AGGACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCCGGU	36509
5744	5286	O	14775	GCACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGUUGU	36510
5748	5282		14776	GCUAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGGG	36511
5759	5271	GCUAGCAC G GCUGUUCU	14777	AGAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUAGC	36512

Table XII

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5783	5247	Custimusi & accident	14779	בהההמווים יהה ליהוווים הוו אל להה להם	36613
5703	5220		11770	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36513
2676	3230	3 :	147/3	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36514
06/0	5235	ا د	14780	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36515
5802	5228	σ	14781	GAUUCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAUCA	36516
5806	5224	CUGUGGCA G AAUCCUCC	14782	GGAGGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCACAG	36517
5825	5205	GUUUUACC G GCGCCGGG	14783	CCCGGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAAAAC	36518
5831	5199	ссевсесс в веливала	14784	CUCCAUCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGCGCCGG	36519
5832	5198	0	14785	UCUCCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGCGCCG	36520
5833	5197	GGCGCCGG G AUGGAGAU	14786	AUCUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGCGCC	36521
5836	5194		14787	UGGAUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCCGGC	36522
5837	5193	CCGGGAUG G AGAUCCAG	14788	CUGGAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCCCGG	36523
5839	5191	GGGAUGGA G AUCCAGUA	14789	UACUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAUCCC	36524
5852	5178	ø	14790	AAACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGUACU	36525
5877	5153	១	14791	AUUCGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUGC	36526
5882	5148	UCAGGUUC G AAUCCGGC	14792	GCCGGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACCUGA	36527
5888	5142	исальнос в всивавли	14793	AUCCCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUUCGA	36528
5892	5138	Ø	14794	GCCAAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGAU	36529
5893	5137	ucceecue e eauueecu	14795	AGCCAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCGGA	36530
5894	5136	0	14796	GAGCCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGCCGG	36531
5898	5132	O	14797	GGAUGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCCCAG	36532
5940	2090	UVAUGUAU G AGCCGUUG	14798	CAACGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAUAA	36533
5948	5082	вавссвой в ввсяйми	14799	AUAAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGCUC	36534
5949	5081	O	14800	CAUAAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACGGCU	36535
5957	5073	O	14801	AAUGGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAUGCC	36536
9009	5024	ט	14802	AGGCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAGUGG	36537
6009	5021	O	14803	AUCAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAUAG	36538
6015	5015	D D	14804	UGGAACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCUCAC	36539
6026	5004	ا ن	14805	GACTUCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGAAC	36540
6027	5003		14806	GGACTUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUGGAA	36541
6028	5002	o l	14807	UGGACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCACUGGA	36542
6029	2001	ø	14808	UUGGACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCACUGG	36543
6044	4986		14809	AUCGGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGACUUU	36544
6050	4980	ø	14810	GGAGAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGGCCGU	36545
6063	4967	cuccuuca a augunua	14811	CAAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGGAG	36546
6071	4959	ø	14812	GGGGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACACC	36547
6081	4949	O	14813	GACGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGGUGU	36548
6091	4939	Б В	14814	AGAACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACGAAA	36549
6092	4938	g	14815	AAGAACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGACGAA	36550
6114	4916	0	14816		36551
6173	4857	AAUUUCCA G GGUCCUCC	14817	GGAGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAAUU	36552

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4817 UCCUCCUU DI ACACUCCC 14812 GECHAUDIDI GECHARACUCCCUUCAAGACALUCGUCCGGG AINCUGGG 4810 CCCAGUNU G GUCCAGGC 14812 CCUGGAACC GGAGGAAAACUCCCUUCAAGACALUCGUCCGGG AINCUGG 4810 CCCAGUNU G GUCCAGGC 14812 CCUGGAACC GGAGGAAAACUCCCUUCAAGACALUCGUCCGGG CALCAGGAAACC 4810 UGGGGCC 14823 AGAGGGG GGAGCACC CACCUCUC CACCUCUCAAGACACACCGGGGAAAACCCCCUCCAAGACALUCGUCCGGG CACCUCCACCGGGGAAAACCCCCUCCAAGACACACCGGGGGAAACCCCCCUCAAGACACACCGGGGGAAACCCCCGGGGGAAACCCCCCGGGGGAAACCCCCGGGGGAAACCCCCC	6193	4837		14819	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36554
4810 CCCRRININO G GUICOLAGO 14812 CCUGRANA C GRAGGARANCICCUTCAAGGACAUCGUGGGG AUNACUGG 4804 UGGGUCOCA G GUCCACCO 14812 ACCUGRANCO 14812 ACCUGRANCO 14812 ACCUGRANCO 14812 AGGGCGG GARGARANCICCCUTCAAGGACAUCGUCCGGG CALUACCC 4800 BUCCAGACC 14812 AGGGCGG GARGARANCICCCUTCAAGGACAUCGUCCGGG GARGACACC 14812 AGGGCGG GARGACACCC GARGACACC GARGACACC GARGACACCC GARGACACCCC GARGACACCCC GARGACACCCC GARGACACCC GARGACACCC GARGACACCC GARGACACCCC GARGACACCCC GARGACACCCC GARGACACCCC GARGACACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	6203	4827	Ö	14820	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36555
4 810 CORRIGATION GERCAGORD 1882 CECUDORAN GERGERARACIOCCUTICAAGGACAUCGGGGG UGGACCA 4801 UGGGGCCCU 14823 AGGGGCGG GGAGGGAACUCCCUTICAAGGACAUCGGCGGGG UGGGGCCCC 4801 GUCCAGOG GGCCCUCU 14823 AGGGGCGC GGAGGGAAACUCCCUTICAAGGACAUCGGCCGGG UGGGCACA 4755 AUGCCAAG GGAGGAAACUCCCUTICAAGGACAUCGCCGGG UUGCCACCA UGCCACCA UGCCACCA UGGGGGAAACUCCCUTICAAGGACAUCGCCGGG UUGCCACCA UGGGGAAACUCCCUTICAAGGACAUCGCCCGGG UUGCCACCA UUGCCACCA UGGGGGAAACUCCCUTICAAGGACAUCGCCGGG UUGCCACCA UUGCCACCA UGGGGGAAACUCCCCUTICAAGGACAUCGCCGGG UUGCCACCA UUGCACCACA GGGGGGGAAACUCCCCCCGGG UUGCACCACA UUGCACCACA GGGGGGAAACUCCCCUTICAAGGACAUCGCCGGG UUGCACCACA AGGGGGGAAACUCCCCUTICAAGGACAUCGCCGGG UUGCACCACA AGGGGGGAAACUCCCCCUTICAAGGACAUCGCCGGG UUGCACCACA AGGGGGGAAACUCCCCUTICAAGGACAUCGCGGGG UUGCACCACA AGGGGGGAAACUCCCCUTICAAGGACAUCGCGGGG UUGCACCACA AGGGGGGGAAACUCCCCUTICAAGGACAUCCCGGGG UUGCACCACA AGGGGGGGAAACUCCCCUTICAAGGACAUCGGGGGGGAACCCCGGGG UUGCACCACA AGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	6219	4811	O	14821	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36556
4 8404 URGEOGNOGO 4 8482 MORGOGOGO GRAGGOGO GRAGGOCO 4775 AUCLANAC GRAGGOGO GRAGGOGO GRAGGOGO AUCLANAC GRAGGOGO GRAGGOGO GRAGGOGO AUCCANAC GRAGGOGO	6220	4810	ပ	14822	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36557
4801 GUCCHAGGO G GECUCCUUC 1823 ADAGRAGO GGAGGAAAACUCCUUCAAGGACAUCGUCCGGG 4775 AUCDAAAC G GUCCCUUU 14825 AAAGGAGA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG 4755 AUCDAAAC G GUCCCUUU 14826 UCCCACAC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG 4755 AUCCCAAA G GUCGUCCAA 14827 UCCCACAC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG 4755 AAAGGGUU G GAAAACAC 14829 GUCGUUU GGAGUUUU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4714 AAGGGUU G GAAAACAC 14829 GUCUUUU GGAGUUU GGAGUUUU G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4714 VUCUGUU GAAACCCC 14820 GCAGUUU GGAGUUU GGAGGAAACUCCUUCAAGGACAUCGUCCGGG 4673 CAACCCAC G AGGAGAA AAGGGUUU GAACCCAC G AGGAGAACUCCUUCAAGGACAUCGGGG CACCCCAC G AGGAGAACUCCUUCAAGGACAUCGGGGGGAACACCACGGGGGGAAACUCCCUUCAAGGACAUCGGGGGGAACACACAC	6226	4804	Ö	14823	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36558
4779 AUGEDARA G ACUCUCUUU 14825 AARGAGAAACUCCUUCAAGGAACAUCGUCCGGAA 4756 UUCCAAAG G GUGUGGAAA 14827 UUCCAAAG G GUGUGGAAACUCCCUUCAAGGACAUCGUCCGGG 4756 BUCCAAAG G GUGUGGAA 14827 UUCCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4774 AGGGUGU G GAAAACAC 14829 GUGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4774 ACGUGUU G AAAACAC 14830 GGAGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4774 UCCUGCU G AAAACAC 14830 GGAGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4774 UCCUGCU G AAAACAC 14830 GGAGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4673 UCCUCCUCA AGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCGGU 4663 AGCCCGAG 14833 UACUCCGGG AGGGGAAACUCCCUUCAAGGACAUCGUCCGGG 4663 AGCCCGAG 14833 ACCGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCCGU 4663 AGCCCGAG 14835 ACCGCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCCUCCUCAAGGACAUCGUCCGGG 4663 AGCCCCGGG 14833 ACCGGCCGU GGAGGGAAACUCCCUUCAAGGACAUCGGCCGGG ACCCCCCGGGGGGGGACACCCCUCCAAGGACACCCCUCCAGGGGACACCCC	6229	4801	U	14824	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36559
4156 AUGICCIAA G GGUGGGAA 14826 UCCIACACC GGAGGGAAACUCCCUUCAAGGACAUCGGCGGG UUUGGCAA 4150 AAGGGUGG G GUUGGCAA 4150 AAGGGUGG G GUUGGCAA 4150 AAGGGUGG G GUUGGCAA 4150 AAGGGUGG G GUUGGCAA 4150 AAGGGUGG G GAGACACCCCUUCAAGGACACCCCCUUCAAGGACACCCCCCGGG CUUUGGCAA 4150 AAGGGUGG G AAGCACCCCUUCAAGGACACCCCCUUCAAGGACACCCCCCCGGG CUUGGCAA 4151 AAGGGUGGGAAACUCCCCUUCAAGGACACCCCCCCGGG CUUGGCAA 4151 AAGGGCGAAACUCCCCUUCAAGGACACCCCCCCGGG GCCACCCCU 4151 GGCGCGCGCG GAGACACCCCCCUUCAAGGACACCCCCCCCCGGG GCCACCCCCU 4151 GGCGCGCGC GAGACACCCCCCCCCCCCCCCCCCCCC	6251	4779	១	14825	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36560
4755 UUCCUBOLO GURUGUAN 14827 UUCCUCCO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGCA 4749 AGGGGUUU GUAAACACC 14828 GUGGUUUU GGAGGAAACUCCCUUCAAGGACACCGGGG CACACCCUU 4749 AGGGGUUU G GAAACACC 14829 GUGGUUUU GGAGGAAACUCCCUUCAAGGACACGGCGGGG CACACCCUU 4714 UACUGCCU G AGGCAGGA 4714 UACUGCCU G AGGCAGGA 4832 GCAGGUUUU GGAGGAAACUCCCUUCAAGGACACGCGCGGG GGCAGUUA 4834 CACACCCU G AGGCAGGA 4834 CACACCCU GAAGGAAACUCCCUUCAAGGACACGCCGCGG GGCAGUUA 4683 CACACCCGG AACACCCUUCAAGGACACCGCCCCUCCAAGGACACCGCCCCCCUCAAGGACACCGCCCCCCCC	6274	4756	O	14826	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36561
4750 AAGGGUGU G GABARCAC 14829 GUGGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACCCUU 4714 AGGGUGUG G AAAACCC 14829 GGGUGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACCCUU 4714 UCCUGGUU G AAAACCC 14839 GGGUGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACCGUU 4704 UAACUCCC G AGCCCGC 14839 GGGUGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGUUA 4639 CAGCCCCC G AGCCCGC 14839 GCACUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGUUA 4671 AUCUCUGU G ACCCCGC 14839 ACCGCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGUUA 4671 AUCUCUGU G GUGAGGA 14839 ACCGCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGUUA 4671 AUCUCUGU G GUGAGGA 14839 ACCGCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGUUA 4671 AUCUCUGU G GUGAGGA 14839 ACCGCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGAGU 4671 AUCUCUGU G GUGAGGA 14839 ACCACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGAGU 4671 AUCUCUGU G GUGAGGA 14839 ACCACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGAGU 4672 AUCUCUCU G GUGAGGAAACUCCCUUCAAGGACAUCGUCCCGG AACGAAGU 4673 AUCUCUCU G GUGAGGAAACUCCCUUCAAGGACAUCGUCCCGG AACGAAGU 4674 ACCUCCUU G GUGAGGAAACUCCCUUCAAGGACAUCGUCCCGG AACGAAGU 4675 AUCUCUCU G GAGGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCCGG CCCACACACACACACACACACACACACACACACA	6275	4755	ღ	14827	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36562
4749 AGGGUGUU G AAAACACC 14819 GCRGUUUUU GGAGGAAACUCCUUCAAGGACAUCGUUCCGGG CAACCCCU 4714 UCCUGGCU G AUAACUCC 14812 GGAGUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG GCAGGAU 4704 UAACUCCC G AGCAGCC 14813 GGAGUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAUUA 4693 CAGCCCAC G AGCAGCA 14813 UACAGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAUUA 4693 CAGCCCAC G AGCAGCA 14813 UACAGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAU 4616 CAGCCCAGGA 14813 UACAGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAU 4671 VAGCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAU 4678 ACCCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGCGU 4670 ACCCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG GGCGCGA 4671 VAGAGGA 14813 CACCCCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGGGGGGGG	6280	4750	ŋ	14828	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36563
4714 UCCUGCUU G AURACUGG 14830 GCAGUURU G GARGURAN GARGAAACUCCCUUCAAGGACAUCCGUCCGGG ACCAGURA 4673 URACUGGC AROCAGUC 14831 GGGGGGGAACUCCCUUCAAGGACAUCCGUCCGGG GGCAGURA 4683 CAGCCOC CAGCCOCG AROCAGUA 14833 UCAGGAAACUCCCUUCAAGGACUCCGUCCGGG GGCAGURA 4684 CAGCCOCG AROCCOCG AROCAGGA 14833 UCAGGAAACUCCCUUCAAGGACUCCGUCCGGG GGCAGAACUCCGUCCAGGGAACUCCGUCCAGGAACUCCGUCCAGGGAACUCCGUCCAGGAACUCCGUCCAGGAACUCCGUCCAGGAACUCCGUCCAGGAACUCCGUCCAGGAACUCCGUCCAGGAACUCCGUCCAGGAACUCCGUCCAGGAACACGACGAACUCCGUCCAGGAACUCCCUUCAAGGACAUCCGUCCG	6281	4749	Ö	14829	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36564
4774 UMACUGCC G AGGLOSCOC 14831 GGGCUGCU G GAGGAAACUCCUUCAAGGACAUCGUCCGGG GCCAGUUA 4693 CAGCCCARC G AGUCANGA 14832 UCANGACU GAAGGAAACUCCCUUCAAGGACAUCCGUCCGGG GCGAGUUA 4683 CAGCCGGU G AGGGAAACUCCCUUCAAGGACAUCCGUCCGGG GUGGGCUCA 4671 MAACGCC G GUGGUCGU LA836 ACCGCGU GAAGGAAACUCCCUUCAAGGACAUCCGUCCGGG UACAGGAU 4671 UAGACGCC G GUGGUCGU LA836 ACCGCGU GAAGGAAACUCCCUUCAAGGACAUCCGUCCGGG UACAGGAU 4672 AUCCUGUU G GUGGUCGU LA836 ACCGCGU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGCGU 4673 ACCCCUUGU G GUGGUCGU LA836 ACCGCGU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGCGU 4634 ACCCCUUGU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGCGU 4635 UUCGUUAGU G GAGGGUAACUCCCUUCAAGGACAUCGUCCGGG ACCGCAAAGG 4637 CCUUUGGU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGCAAAGG 4637 UUCGUUAG G AGGGAACUCCCUUCAAGGACAUCGUCCGGG ACCGCAAAGG 4638 UUCGUUAG G AGGGAACUCCCUUCAAGGACAUCGUCCGGG ACCCCAAAGG 4639 UUCGUUAG G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAAAGG 4631 UUCGUUAG G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAAAGG 4632 UUCGUUAG G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAAAGG 4633 UUCGUUAG G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAAAGG 4634 UUCGUUAG G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAAAGG 4635 UUCGUUAG G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAAAGG 4530 UUCCUCAG G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAAAGG </td <td>6316</td> <td>4714</td> <td>O</td> <td>14830</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36565</td>	6316	4714	O	14830	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36565
4693 CAGGCCAC G MGUCAUGHA 14812 UCANDGACU GGAGGGAACUCCUUCAAGGACAUCGUCCGGG GUGGGCUGG 4677 AUCCUGUR G ACGCCGUI 14814 ACCGGCGU GGAGGGAACUCCCUUCAAGGACAUCGUCCGGG AUGACUCG 4671 AUCCUGUR G ACGCCGUI 14814 ACCGGCCU GGAGGGAACUCCCUUCAAGGACAUCGUCCGGG AUGACUCG 4671 UNGACGCC G GUGGUCGUI 14814 ACCGGCCU GGAGGGAACUCCCUUCAAGGACAUCGUCCGGG ACCGCGUU 46814 ACCCCCUUCAG G GUGGGGAACUCCCUUCAAGGACAUCGUCCGGG ACCGCGUU 46815 ACCCCCUUCAG GGAGGGAACUCCCUUCAAGGACAUCGUCCGGG ACCGCGUU 46816 ACCCCCUUCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCCCAA 46817 CCCUUCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCCCAA 46817 CCCUUCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCCCAA 46818 CCCUUCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCCCAA 46819 UUGGGGGA G AGUCGUCC 46814 GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCCAA 46819 UUGGGGGA G AGUCGUCC 46814 GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCCCAA 45814 UUGGGGAACAUCGUCCCUUCAAGGACAUCGUCCGGG CCCCCAA 45814 UUGAGGACAAUCGUCCCUUCAAGGACAUCGUCCGGG CCCCCAA 45814 UUGACGACAACUCCUUCAAGGACAUCGUCCGGG CCCCCAA 45814 GAACAUAU 46815 AUACUCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCACAA 45814 GAACAUAU 46815 AUACUCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCACACAA 45816 CUACACACA G AGACGAAACUCCCUUCAAGGACAUCGUCCGGG CCCACACAA 45816 CUACACACA G AGACGAAACUCCCUUCAAGGACAUCGUCCGGG CCACACAA 45816 CUACACACA G AGACGAAACUCCCUUCAAGGACAUCGUCCGGG CCACACAA 45817 CAACACACA G AGCCCACCACAA 45818 CCCCAAGAAU	6326	4704	O	14831	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36566
4666 CCAGGUCAU 14833 UACAGGAN GARGORAN 14833 UACAGGAN GARGORANCCCUUCAAGGACAUCGUCCGGG AUGAGGAN 4677 UMACCCGGU 14834 ACCGGGGU GARGACAUCCCUUCAAGGACAUCGUCCGGG GACGGCGU 4678 AUCCCGGU 14836 ACCGCGGU GARGACAUCCCUUCAAGGACAUCGUCCGGG GACGGCGU 4668 ACCCCGGU GARGACAUC GARGACAUC GARGACAUC GARGACAUC 4650 ACCCCUGU GARGACAUC GARGACAUC GARGACAUC GARGACAUC 4634 UUUGGUAG GAGGUCC GARGACAUC GARGACAUC GARGACAUC 4634 UUUGGUAG GAGGACUC GARGACUC GARGACAUC GAGGACAUC 4634 UUUGGUAG GAGGACUC GARGACUC GARGACUC GARGACUC 4635 UUUGGUAG GAGGACUC GARGACUC GARGACUC GARGACUC 4634 UUGGUAGA GARGACUC GARGACUC GARGACUC GARGACUC 4634 UUGGUAGA GARGACUC GARGACUC GARGACUC GARGACUC 4639	6337	4693	ט	14832	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36567
4677 AUCCUGUA G ACGCOGGU ACGGOCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACAGGAU 4671 UAGAGGCC G GUGGUCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGUCUA 4670 ACCCCCGG GUGGUCGU GACACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGGCGU 4660 ACCCCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGGCGU 4660 ACCGCCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGGCGU 4651 ACCGCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGCCCAA 4637 UUGGUGGA GACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACCAA 4637 UUGGUGAG GACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACCAA 4637 UUGGUANG GACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACCAA 4638 ACCACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACCAA 4639 ACGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUACCACA 4534 AUACUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUACCACA 4534 AUACUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUACCACA ACACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUACCACA AUACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUACCACA ACACACUC	6344	4686	Ø	14833	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36568
4611 UMARACGC G GUGGUCCU 14835 ACGACCAC GGAGGAAACUCCCUUCAAGGACAUCGGGG GGCGUUA 4668 ACGOCGGU G GUGGGGA 14836 GACACCAC GGAGGAAACUCCCUUCAAGGACAUCCGGG AAACGGGU 4650 ACGCCGGU G GUGGGGA 14836 GACCUCLAC GGAGGAAACUCCCUUCAAGGACAUCCGGG AAACGGGU 4637 CCUUUGGU G GGAGGAAACUCCCUUCAAGGACAUCCGGGG CACCAAA 4637 CCUUUGGU G GAGGGAAACUCCCUUCAAGGACAUCGGGG UCACCAAA 4634 UUGGUGAC 14841 GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGGGG UCACCAAA 4634 UUGGUGAC 14841 GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGGGG UCACCAAA 4634 UUGGUGAC 14841 GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGGGG UCACCAAA 4597 UUGGUGAUA 14842 UAACCUC GGAGGAAACUCCCUUCAAGGACAUCGGCGGG CUCACCAA 4594 GUGUAGAC 14843 AUAACCUC GGAGGAAACUCCCUUCAAGGACAUCGGCGGG CUCACCACAA 4594 GUGUAGAC 14844 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCACAA 4559 GUBUAUUA 14844 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCACAA 4559 GUBUAUC 14844 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCACGGG CUCACCACAAA 4550 GUBUACCA GGAGGAAA GGAGGAAACU	6353	4677	Ð	14834	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36569
4668 ACCCCAGO G GUCCUDUC 14836 GARACAGAC GARGARARCUCCUUCAAGGACAUCGUCCGGG ACCGCGGU 4610 ACUCCUUU G GUCGAGOA 14837 UCCCUCAC GGAGGARARCUCCCUUCAAGGACAUCGUCCGGG ACAGAGAGU 4635 UUGGUGAG G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGACAC 4634 UUGGUGAG G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACACAC 4634 UUGGUGAG G AGAGGUCC 14840 GACACUCC GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG ACACACAC 4634 GAGGACACC 14841 GGACACCC GAGGACACCC	6329	4671	Ø	14835	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36570
4640 ACUCCUUU G GUAGGGAA 14837 UCCCUCAC GGAGGAAACUCCUUCAAGGACAUCGGGG AAAGGGU 4637 CCUUUGGU G GAGGGAAACUCCCUUCAAGGACAUCGGGG ACCAAGG 4633 UUUGGUAAG G GAGUGUC 14839 GACACUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAGG 4633 UUUGGUAAG G GAGUGUC 14840 GGACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4634 UUGGUAAG GAGGUUAC GGAGGAACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4597 UUGGUAAU GAGGUACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCCA 4594 UUGGUAUU GAGGUACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCCA 4597 UGUGUAUU GAGGACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCCA 4594 GUGUAUUC GAGGGAAACUCCCUUCAAGGACAUCGUCCCGG CUCACCCA 4594 GUGUAUCC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACUCCA 4595 GUGUUAUC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACUCCA 4594 GAGUAAU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACUCCA 4595 GUAUUACC GAGGCAAU GAGGGAAACUCCCUUCAAGGACAUCGUCCCGGG CUCACUCCA <	6362	4668	υ G	14836	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36571
4637 CCUUUGGU G AGGAAUG TARBB CACUCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACCAAAGG 4635 UUUGGUGA G GGAGGUUC 14839 GACACUCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCACCAAA 4634 UUUGGUGAG G AGUGUCC 14840 GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCCCU 4534 UGGUGAUU GAGGAGUA 14841 UAACUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCCAA 4554 UGGUGAUU 14843 AUAACUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACAUAC 4554 GUBUAUU GAGGAAACU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACAUC AUAACUCU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACAUAC 4554 GUBUAUC 14845 CUUGCCC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAAUACC 4554 GUBUAUC 14846 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACAUAC 4569 GUBUACCC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACAUAC 4560 ACUACUGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAGUAC 4560 ACUACUGA GGAGGAAACUCCCUUCAAGGACAUCGGCCCUCCAGG CUCAGUAC <td>6390</td> <td>4640</td> <td>5 G</td> <td>14837</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36572</td>	6390	4640	5 G	14837	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36572
4635 UNUGGUGA G GGAGUGUC 14839 GRCACUCC GGAGGAAACUCCUUCAAGGACAUCGUCCGG UCCCGAA 4634 UUGGUGAG G GAGGUACUC GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CUCACCAA 4633 UGGUGAGG G AGUGUCC 14841 GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CUCACCCA 4534 UGGUGAGG G AGUGUAU 14842 UAACUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CUCACUCA 4596 GUBUNAUG G AGAGUNA 14843 AUAACUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CAAUACCC 4594 GUBUNAUG G AGAGUNAU 14845 AUACUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGG ACUACUCA 4559 GUBUNAUG G AGAGGAAA ACUACUCA GGAGAGAACUCCCUUCAAGGACAUCGUCCGG ACUACUCA 4569 ACUACUGA GGAGAGAACUCCCUUCAAGGACAUCGUCCGG ACUACUCA ACUACUCA 4569 ACUACUGA GGCAAGAU 14845 AUCUUGC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGG 4569 ACUACUGA GGCAAGAU 14846 AUCUUGC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGG UCCAGUGA 4560 ACUACUGA GGCAAGAU 14848 AUCUUGC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGG UCCAGGGA	6393	4637	ט	14838	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36573
4634 UDGGUGAGO GAGUGUCC 14840 GGACACUC GGAGGAAACUCCUUCAAGGACAUCGUCGGG CUCACCAA 4633 UGGUGAGO G AGUGUCC 14841 GGGACACU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUCACCA 4597 UGGUGAUUG G AGAGUUA 14842 UDACUCUC GGAGGAACUCCCUUCAAGGACAUCGUCGGG CAUACACA 4596 GUGUUUUG G AGAGUUA 14843 AUDACUCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAUACACA 4571 CAACUACU G AGGCAAGU 14844 GGAUDACU GGAGGAACAUCCCUUCAAGGACAUCGUCGGG CACAAUAC 4568 ACUACUACU G AGGCAAGU 14845 CUUGCCC GGAGGAAACUCCCUUCAAGGACAUCGGG CACAGUACACACACACACACACACACACACACACACACAC	6395	4635	미	14839	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36574
4633 UGGUGAGG AUGGUCAGG AUGGUCAGG AUGGUCAGG AUGGCAA 4597 UGGUGAGG AUGGUCAGG AUGGCAA 18842 UDACUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUACACA 4596 GUGUAUUG AAGGUAAACUCCCUUCAAGGACAUCGUCCGGG AAUACACC AAUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUACAC 4594 GUAUUAGA AGGCAAAGA 14845 CUUGCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUACAC 4568 GUACUCAC AGGGCAAACACCCCUUCAAGGACAUCGUCCGGG UCCAAUACAC AGGCAAAACACCCCUUCAAGGACAUCGUCCGGG UCCAAUACAC 4568 ACUACUGAG GGCAAAGAU 14845 AUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGA 4568 ACUACUGAG GGCAAGAU 14846 CUUGCCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGA 4554 AUUGCCCA AUUGCCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGA UCCAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGAAACACCCCAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAGGAAACACCCCAGGAAACACCCCUUCAAGGACACCCAGGAACACACAC	6396	4634	0	14840	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36575
4597 UGUGUANU G GAGAGUNA 14842 UNACUCUC GGAGGAACUCCUUCAAGGACAUCCGGG ANUACACA 4596 GUGUANUG G AGAGUNAU 14843 AUAACUCU GGAGGAACUCCCUUCAAGGACAUCGUCGGG CAAUACAC 4594 GUANUGGA G AGUNAUCC 14844 GGAUDACU GGAGGAACUCCCUUCAAGGACAUCGUCGGG CCAAUACAC 4594 GUANUGGA G AGUNAUCC 14845 CUUGCCCU GGAGGAACUCCUUCAAGGACAUCGUCGGG UCCAAUAGU 4569 ACUNCUGA GGCAACAN 14846 AUCUUGC GGAGGAACUCCCUUCAAGGACAUCGUCGGG UCCAGUAGU 4569 ACUNCUGA GGCAACANU 14846 AUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCAGUAGU 4560 ACUNCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCAGGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGGCAAU 4554 AUUGCCA GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGGCAAU 4553 UUGCCCAG GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGGCAAU GGAGGAAACUCCCUUCAAGGACAUCCGGG UCAGGCAA 4551 AUGCCCAG GGAGGAAACUCCCUUCAAGGACAUCCGUCCGGG UCAGGCAA GGAGGAACUCCCUUCAAGGACAUCCGGG UCAGGCAACAGA	6397	4633	Ö	14841	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36576
4596 GUGUADUUG G AGAGUUAU 14843 AUAACUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUACAC 4594 GUAUUGGA G AGUAUUCG 14844 GGAUAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAAUACC 4571 CAACUACU G AGGCAAGA 14845 CUUGCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGUAGU 64569 ACUACUGA G GCAAGAU 14847 AAUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGUAGU 64564 AUUGCCCA G GGGGUGUA 14848 UGGCCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGCAAU 64554 AUUGCCCA G GGGGUGUA 14849 UACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGCAAU 64551 UGCCCAGG G GGGUGUAC 14851 CGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGCAAU 64551 GCCCAGGG G GGGUGUAC 14851 CGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGCAAU 64531 CUAAUCGC G AGACAGAC 14851 CGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGC AGACAAUUCG GAGGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 14851 CGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 6531 CAAUUCGC G AGACAGAC 14852 GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 6531 AAUCGCCAG G ACACUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 6531 AAUCGCCAG G ACACUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 6531 AAUCGCCAG G ACACUUCU GAGGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 64531 AAUCGCCAG G ACACUUCU GAGGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 64531 AAUCGCCAG G ACACUUCU GAGGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 64531 AAUCGCCAG G ACACUUCU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 64531 AAUCGCCAG G ACACUUCU G AGACAUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 64600 G ACACUUCU G AGACACCC GGAGGAAACUCCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCUUCAAGGACAUCCGG CCUGGGCA GAAAUGGU GAGGAAACUCCCUUCAAGGACAUCCUUCAACAAUCCUUCAACAACAUCCUUCAACAACA	6433	4597	2	14842	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36577
4594 GUADUNGGA G AGUNAUCC 14844 GGAUAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAAUAC 4571 CAACUACU G AGGCAAG 14845 CUUGCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGUAG 4569 ACUACUGA G GCCAAGAU 14846 AUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGUAG 4569 ACUACUGA G GCCAAGAU 14847 AAUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGUAG 4563 GAGGGCAA GAGGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCCAAU 4554 AUUGCCCA GGGGUGUA 14849 UACACCC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCCAA 4553 UUGCCCAG GGGGUGUA 14850 GUACACCC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCCAA 4551 AUUGCCCA GGGGUGUAACCC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCCAA 4552 UUGCCAGG GGGUGUAACC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGCCAA 4551 GCCCAGGG GGUGUACC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGCCAA 4551 GCCCAGGG GGGGUACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGCCAAGGG 4551 GCCCAGGG GGGUACAC GGAGGAAACUCCCUU	6434	4596	ט	14843	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36578
4571 CAACUACU 6 AGGGCAAG 14845 CUUGCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGUAGUUG 4569 ACUACUGA G GGCAAGAU 14846 AUCUUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCAGUAG 4568 CUACUGAG G GCAAGAU 14847 AAUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCAGUAG 4563 GAGGGCAA GAGGGAA 14848 UGGGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCAGGCAAU 4554 AUUGCCCA GGGGGUGUA 14849 UACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGGGCAAU 4553 UUGCCCAG GGGGGUGUA 14850 UACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGGGCAAU 4551 UUGCCCAG GGGGGUGUAC 14851 CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUGGGCAA 4552 UUGCCCAG GGGGGGAA 14851 CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCUGGGCAA 4551 GCCCAAGGG G GUGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCAA GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCAA 4551 GCCCAAGGG G GUGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCAA GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCAA 4531 AAAUCGCA AGACAGCA	6436	4594	0	14844	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36579
4569 ACUACUGA G GCCAAGAU 14846 AUCUUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGUAGU 4568 CUACUGAG G GCAAGAUU 14847 AAUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAGUAG 4563 GAGGGCAA G AUGCCCAG 14849 UGGGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCCAAU 4554 AUUGCCCAG G GGGUGUAC 14850 GUACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGCAAU 4551 UUGCCCAG G GGUGUACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGCAA 4551 GCCCAGGG G GUUUACGC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCA 4551 GCCCAGGG G GUUUACGC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCA 4551 GCCCAGGG G GUUUACGC GGGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCA 4551 GCCCAGGG G GUUUACGC GGGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCA 4551 AUCCCAGGG G GUUUACAC GGGGAAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCA 4531 AAUCGCGA G ACAGACCA 14854 UGGUCUCU GGAGGAAACUCCCUUCAAGGACAUCG	6459	4571	- 1	14845	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36580
4568 CUACUGAG G GRAGAMU 14847 AAUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CUACUGAG 4563 GAGGGCAA G AUGCCCCA 14848 UGGCCAAU GAGGCAAACUCCCUUCAAGGACAUCGUCCGG UUGCCCUC 4554 AUUGCCCA G GGGUGUA 14849 UACACCCC GAGGGAAACUCCCUUCAAGGACAUCGUCCGG UGGGCAAU 4553 UUGCCCAG G GGUGUACC GAGGGAAACUCCCUUCAAGGACAUCGUCCGG CUGGGCA 4551 GCCCAGGG G GUGUACC GAGGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 4551 GCCCAGGG G GUGUACC GAGGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 4531 GCCCAGGG G GUGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 4531 GCCCAGGG G GUGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 4531 AAUCGCGA AAGACAGAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 4531 AAUCGCGA AAGACACAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGG CCUGGGCA 4527 GCGAAGACA 14854 UGGUCUGU GAGGGAAACUCCCUUCAAGGACAUCGUCCGG UCCCCAGGG	6461	4569	0	14846	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36581
4563 QAGGGCAA GAGGGCAAU GGAGGAAL GGAGGAAL GAGGGCAAU GGAGGAAACUCCCUCAAGGACAUCGUCCGGG UUGCCCAGG GGGCAAU GAGGCAAU GAGGGCAAU GAGGACAU GAGGACAU GAGGACAU <th< td=""><td>6462</td><td>4568</td><td>ი </td><td>14847</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36582</td></th<>	6462	4568	ი	14847	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36582
4554 AUUGCCCA G GGGUGUA 14849 UACACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGCAAU 4553 UUGCCCAG G GGGUGUAC 14851 GUACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGCA 4552 UGCCAGGG G GUGUACG 14851 CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCA 4551 GCCCAGGG G GUGUACGC 14852 GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCA 4531 AAUCGCGA G AGACAGAC 14853 GUCUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUGGGCA 4531 AAUCGCGA G ACAGACCA 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGAUUAG 4531 AAUCGCGA G ACAGACCA 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGAUUCGCGG 4531 AAUCGCGA G ACAGACCA 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGGU UCGCGGU UCGCGGU UCGCGG UCGCGGU UCGCGG AGAAUGGU 4527 GCGAAGACA 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4518 ACCAUUCU AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGC 4529 UCUUCCAA AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGC 4499 UCUUCCAA AGGAGCCCAAGGACCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGGAACAACAACAACAACAACAACAACAACAACAACAA	6467	4563	<u>ت</u>	14848	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36583
4553 UNGCCCAG G GGGUGUAC 14850 GUACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGCAA 4552 UGCCAGG G GGUGUACG 14851 CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCA 4551 GCCCAGG G GUGUACGC 14852 GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGC 4531 AAUCGCAG G AGACAGAC 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAUUAG 4531 AAUCGCAG G ACAGACCA 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGAUUAG 4531 AAUCGCAG G ACAGACCA 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGAUUCGCC 4518 ACCAUUCU G AGCAUCCA 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4518 ACCAUUCU G AGCAUCCA 14856 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4518 ACCAUUCA AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU AGAAUGGU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4518 ACCAUUCU AGGAGCAC AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4499 UCUUCCAA AGGAGCAC AGGAGCAC AGGAGCAC AGGAGCAC	6476	4554	O	14849	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36584
4552 UGCCCAGG G GGUGUACG 14851 CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGCA 4551 GCCCAGGG G GUGUACGC 14852 GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGC CCUGGGC CA533 CUAAUCGC G AGACAGA G ACAGACCA 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAUUAG 4531 AAUCGCGA G ACAGACCA 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAUUAG 4531 GCGAGACA G ACAGACCA 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGAUU 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGAUU 14855 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGAAGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGAAGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGAAGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGAAGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGAAGAAAACAACCUUCAAGGACAUCGUCCGGG UCGGAACAACAACAAAAAAAAAA	6477	4553	O	14850	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36585
4551 GCCCAGGG G GUGUACGC 14852 GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUGGGC 4533 CUAAUCGC G AGACAGAC 14853 GUCUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAUUAG 4531 AAUCGCGA G ACAGACCA 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCGAUU 4527 GCGAAUCU G ACCAUUCU 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCUCGC 14856 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCUCGC ACAUUCU G AGCAUUCU G AGCAUCCU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAGA	6478	4552	0	14851	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36586
4533 CUAAUCGC G AGACAGAC 14853 GUCUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAUUAG 4531 AAUCGCGGA G ACAGUCCA 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGAUU 4527 GCGAAUCU 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCUCGC 14856 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCUCGC ACAGUCCC ACAGUCCC ACAGUCCC AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAGA	6479	4551	ا ت	14852	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36587
4531 AAUCGCGA G ACAGACCA 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGAUUU 4527 GCGAGACA G ACCAUUCU 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCUCGC 4518 ACCAUUCU G AGCAUCCA 14856 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAGA	6497	4533	O	14853	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36588
4527 GCGAGACA G ACCAUNCU 14855 AGRANGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCUCGC 4518 ACCAUNCU G AGCAUCCA 14856 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAGA	6499	4531	ס	14854	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36589
4518 ACCAUUCU G AGCAUCCA 14856 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGU 4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAGA	6503	4527	o	14855	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36590
4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAGA	6512	4518	ט	14856	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36591
	6531	4499	ات	14857		36592

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Table	

6540	4490	GUGCUCCU G GAUCAUUC	14858	GAAUGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGCAC	C 36593	E
6541	4489		14859	UGAAUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAGCA	A 36594	4
6551	4479	Ð	14860	UUCCAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAAUGA	A 36595	2
6556	4474	Ø	14861	GAAACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUCAUG	36596	9
6557	4473	ЭЭ Э	14862	GGAAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCUCAU	U 36597	-
9600	4430	ט	14863	UACAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCGAAA	A 36598	8
6629	4401	CUUUCCCA G GAAAUGUC	14864	GACAUUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAAAG	G 36599	0
6630	4400	ט	14865	GGACAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGAAA	A 36600	٥
9999	4364	ø	14866	UGGGAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGAUA	A 36601	4
6675	4355	AUUUCCCA G AAAUCACG	14867	CGUGAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAAAU	36602	2
6683	4347	Q	14868	GCUGCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAUUUC	C 36603	<u>~</u>
8699	4332	GCAAACAU G AGCCCCGC	14869	GCGGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUUUGC	36604	4
6707	4323	AGCCCCGC G AUAGUCAU	14870	AUGACUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGGGCU	36605	2
6717	4313	UAGUCAUU G GAAUGGCC	14871	GGCCAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGACUA	A 36606	و
6718	4312	Ð	14872	UGGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUGACU	U 36607	12
6722	4308	Ø	14873	UCCAUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCAAU	U 36608	<u>_</u>
6728	4302	AUGGCCAU G GAGUCAAU	14874	AUUGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGCCAU	U 36609	6
6229	4301	O	14875	CAUUGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGCCA	A 36610	0
6758	4272	AGCCCUCC G ACGAUGGC	14876	GCCAUCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGGCU	U 36611	٦
1929	4269	concease a angecasa	14877	UUUGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCGGAGG	36612	2
6764	4266	o n	14878	AUGUIUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGUCGG	36613	^ا
6775	4255	O	14879	CUGUCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAUGUUU	U 36614	4
6229	4251	O	14880	ACAGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCUAAU	U 36615	rύ
6803	4227	ט	14881	GGAUGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAACUGA	A 36616	9
6804	4326	9 9	14882	CGGAUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAACUG	G 36617	۲.
6820	4210	g G	14883	AUCCCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUAAACGC	36618	<u>ه</u>
6824	4206	Ö	14884	UGUGAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCGUAA	A 36619	6.
6825	4205	פ	14885	AUGUGAUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAACCGUA	A 36620	0
6826	4204	ס	14886	- 1	U 36621	-
6853	4177	<u>ت</u>	14887	CCAUGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGCUGCU	U 36622	2
6854	4176	o	14888	CCCAUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGCUGC	C 36623	33
6860	4170	v	14889	UNCAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAUCCU	U 36624	4
6861	4169	O	14890	UUUCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGAUCC	36625	ς.
6862	4168	ט	14891	UUUUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAUGAUC	36626	و
9989	4164	U	14892	GGACUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCCAU	U 36627	2
6839	4151	O	14893	UCUAGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGGAC	36628	<u>_</u>
6881	4149	S G	14894	GCUCUAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACAGG	3 36629	6
6886	4144	D A	14895	GCUUGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCCUCA	A 36630	٥
6901	4129	٥	14896	GAGCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAUGC	Н	1
6944	4086	UUCUCCCU G AUCAAGCU	14897	AGCUUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGAGAA	A 36632	7

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36633	36634	36635	36996	36637	36638	36639	36640	36641	36642	36643	36644	36645	36646	36647	36648	36649	36650	36651	36652	36653	36654	36655	36656	36657	36658	36659	36660	36661	36662	36663	36664	36665	36666	36667	36668	36669	36670	36671	36672
AGGACAUCGUCCGGG GGAAUAGG	UGGAUGUG	GGGCUGAG	CGGGCUGA	UGCUAACA	CUGCUAAC	GCUGCUAG	CGCUGCUA	AAACGUGG	AAGGACAUCGUCCGGG ACAACGAC	AUAACAUU	ACUGGCGG	UGAUGUGU	CUGAUGUG	CCUGAUGU	UGGGAGAU	UGCUCUGG	AAAUUCUG	GCCAAAUU	CGCCAAAU	ACGAUGCC	AAAUGGCU	UUUCAAAU	AGGACAUCGUCCGGG AGGAGAAC	AACCAGGA	AAAGCGAG	UCAAAGCG	GUUUCUCA	AGUGUUUA	AAGAUACA	UUCAAGAU	AUGGCGAC	GGGAGGAG	UAAUUCGG	GCAGAAUC	unggnagg	AUCUUGGU	UGGUGUUU	CUGGUGUU	UGCUAGUC
UUGAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GCUUGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CUAACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GCUAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UGCUAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CUGCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGUUGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UGGUUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	AACGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	AVAACAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CUGAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GUUGAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGGAGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UGGGAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	AUUCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GCCAAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	AUGCCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ACGAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CACGAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UGGCUUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UUUUCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	_ J	GGACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG			. 1		- 1	- 1	- 1	UUGGCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	_	CGCAGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GCAGCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UAUGUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CGCUAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UGCUAGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CUGCUAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	UGAUUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG
14898	14899	14900	14901	14902	14903	14904	14905	14906	14907	14908	14909	14910	14911	14912	14913	14914	14915	14916	14917	14918	14919	14920	14921	14922	14923	14924	14925	14926	14927	14928	14929	14930	14931	14932	14933	14934	14935	14936	14937
ucc G	ტ	၅ သသ	פ	O	O	ט	O	ccacguuu a augucguu	GUCGUUGU G AAUGUUAU	O	ტ	ACACAUCA G GGAUCUCC	ø	ACAUCAGG G AUCUCCCA	O	O	Ð	AAUUUGGC G GGCAUCGU	O	GGCAUCGU G AUAAGCCA		ט	ᇰ	ø	900 G	٥	0	ت ت	0	o	O DES	ט	0	ן פ	ט	0	SCA G	ט	GACUAGCA G AGCAAUCA
4068	4036	4017	4016	4006	4005	3995	3994	3980	3969	3960	3929	3914	3913	3912	3903	3898	3892	3889	3888	3880	3868	3864	3829	3825	3810	3808	3803	3785	3774	3771	3762	3734	3728	3720	3702	3699	3655	3654	3646
6962	6994	7013	7014	7024	7025	7035	7036	7050	7061	7070	7101	7116	7117	7118	7217	7132	7138	7141	7142	7150	7162	7166	7201	7205	7220	7222	7227	7245	7256	7259	7268	7296	7302	7310	7328	7331	7375	7376	7384

Table XII

7409 3621 GGCAUGCU G AUCUUGGC 7415 3615 CUGAUCCU G GCUGUCCA 7435 3598 CCUCUUGC G AAGGACCU 7436 3594 UUGCGAAG G ACCUCCUG G GUGGCCAA 7446 3586 ACCUCCUG G GUGGCCAA 7469 3570 AAGAACAC G ACCACAAC 7469 3562 CACGACAC G AAGGCCAA 7483 3547 CUGAAAAA G GCCAAAC G AAGGCCA 7483 3547 CUGAAAAA G GUCCAACU 7483 3547 CUGAAAAA G GUCCAACU 7483 3502 CUGCAACU G AAGGCCAA G AAGGCCAA 7528 3502 CUGCAACU G AAGGCCAA G AAGGCCAA 7528 3502 CUGCAACU G AAGGCCAA G AAGGCCAA 7528 3502 CUGCAACU G AAGGCCAA G AAGGCCAA 7529 3501 UGCACAGA G GUCCAACU 7551 3479 GUCCACGA G GUCCAACU 7551 3479 GUCCACGA G GUCCAACU G AAGGCCAA G GUCCAACU G AAGGCCAA G GUCCAACU G AAGCCCAAC G AGGGUCUU 7551 3479 GUCCACGA G GUCCAACU G GUCCACCG 7601 3360 GUCCACCG G GUCCACCG 7601 3360 GUCCACCC G GUCCACCC GUCCACC G GUCCACCC G GUCCACC G GUCCACC G GUCCACC G GUCCACCC G GUCCACCC G GUCCACCC G GUCCACCC G GUCCACCC G GUCCACC G	JGGC 14939 JCCA 14940 ACCU 14941 JCCU 14942	GCCAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUGCC	
3515 CUGAUCUU G 3596 CCUCUUGC G 3594 UUGCGAAG G 3585 CCUCUUGC G 3585 ACCUCCUG G 3582 UCCUGGGU G 3562 ACCUCCUG G 3562 ACCUCCUG G 3563 ACCUCCUG G 3563 ACCUCCUG G 3564 GUGGCCAAC G 3563 GCCCAACU G 3564 GCCCAACU G 3563 GCCCAACU G 3564 GCCCAACU G 3564 GCCCAACU G 3479 GUCCACGAG G 3360 GUGCGAGG G 3360 GUCCACGAG G 3360 GUCCACGAG G 3356 GAGUGGCC G 3357 UCCACUCAG G 3357 UCCACUCAG G 3358 GUCACCCAC G 3358 GUCACGCAG G 33511 UAGUUCCU G 3358 GUCACGCG G			36674
3598 CCUCUUGC G 3595 CUUGCGAA G 3586 GACCUCCU G 3582 UUCCUGGU G 3582 UCCUGGU G 3576 GUGCCCAA G 3553 GCCCAACU G 3563 GCCCAACU G 3564 ACUGAAAA G 3563 GCCCAACU G 3564 ACUGAAAA G 3501 UGCACGAG G 3501 UGCACGAG G 3479 GUCACUUGU G 3479 GUCACUUGU G 3479 GUCACCUUG G 3479 GUCACCUUG G 3426 ACUGCACGA G 3372 CUCUCUGU G 3369 UCUGUGGU G 3360 GUGGUCAC G 3360 CUCACUCAC G 3310 AGUUCCU G 3310 GUGUAACUC G 3360 CAGUAAUCCU G		UGGACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAUCAG	36675
3595 CUUGCGAA G 3594 UUGCGAAG G 3585 ACCUCCUG G 3582 UCCUGGGU G 3576 GUGGCCAA G 3563 GCCCAACU G 3563 GCCCAACU G 3563 GCCCAACU G 3564 ACUGAAAA G 3501 UGCACGAG G 3501 UGCACGAG G 3479 GUCCACGAG G 3426 GGUGGUGC G 3369 UCCUGUGG G 3369 UCCUGUGG G 3369 UCCUGUGG G 3369 UCCUGUGG G 3360 GUGCGAGU G 3360 GUGCGAGU G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 CUCACGCG G	\vdash	AGGUCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAGAGG	36676
3594 UUGCGAAG G 3585 ACCUCCUG G 3582 UCCUGGGU G 3576 GUGGCCAA G 3552 CACGACUC G 3553 GCCCAACU G 3553 GCCCAACU G 3564 ACUGAAAA G 3501 UGCACGAC G 3502 CUGCACGA G 3502 GACCAGAA G 3504 GACUGCAC G 3504 GACUGCAC G 3504 GACUGCAC G 3504 GACUGCAC G 3479 GUCCACGAU G 3479 GUCCACGAU G 3479 GUCCACGAU G 3426 GACUGGUC G 3426 GACUGGUC G 3426 GACUGGUC G 3369 UCUGGGUC G 3369 UCUGGGUC G 3369 UCUGGGUC G 3369 UCUGGGUC G 3360 GUGGGUC G 3310 AGUUCCUC G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 CUCACGCU G 3311 CUCACGCU G 3311 CUCACUCU G		AGGAGGUC GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG UUCGCAAG	36677
3586 GACCUCCU G 3585 ACCUCCUG G 3582 UCCUGGGU G 3576 GUGGCCAA G 3562 CACGACU G 3563 GCCCAACU G 3563 GCCCAACU G 3564 ACUGAAAA G 3501 UGCACGAC G 3502 CUGCACGA G 3501 UGCACGAC G 3479 GUCACUUGU G 3479 GUCACCUGU G 3428 ACCGACAG G 3428 ACCGACAG G 3428 ACCGACAG G 3429 GUCACCUGU G 3429 GUCAGUUU G 3429 GUCAGUUU G 3429 GUCAGUUU G 3429 GUCAGUUU G 3429 GUCAGUUC G 3369 UCUGUGGU G 3360 GUGGUCCA G 3356 GAGUGGAC G 3356 GAGUGCAC G 3350 CUCACUCA G 3311 UAGUUCCU G 3310 CAGUAAUCC G 3310 CAGUAAUCC G		CAGGAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCGCAA	36678
3585 ACCUCCUG G 3582 UCCUGGGU G 3576 GUGGCCAA G 3565 CACGACCA G 3562 CACGACCA G 3563 GCCCAACU G 3563 GCCCAACU G 3564 ACUGAAAA G 3501 UGCCACGA G 3502 CUGCACGA G 3501 UGCACGUU G 3479 GUCACCUGU G 3426 ACUGAAAA G 3428 ACCGAACU G 3428 ACCGAACU G 3429 GUCACCUG G 3426 GACGGCAG G 3426 GGUCAGUU G 3426 GGUGGUC G 3369 UCUGGGGU G 3360 GUGGUCCA G 3360 GUGGGUCCA G 3360 GUGGGUC G 3360 GUGGGUCCA G 3360 GUGGGUCCA G 3310 AGUUCCUC G 3310 AGUUCCUC G 3310 CCACUCCU G 3310 CCACUCCU G	_	UGGCCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGUC	36679
3582 UCCUGGGU G 3576 GUGGCCAA G 3565 CACGACCA G 3562 CACGACCA G 3553 GCCCAACU G 3548 ACUGAAAA G 3502 GUCCAACU G 3504 ACUGAAAA G 3504 GUCACUGU G 3504 GACUGCAC G 3504 GACUGCAC G 3504 GACUGCAC G 3479 GUCACUGU G 3479 GUCACUGU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3429 GUCAGUUU G 3429 GUCAGUUU G 3429 GUCAGUUU G 3372 CUCUCUGU G 3369 UCUGUGGU G 3360 GUGGUCCA G 3360 GUGGUCCA G 3356 GAGUGGCA G 3356 GAGUGGCA G 3350 CUCACUCA G 3311 UAGUUCCU G 3311 UAGUUCCU G 3310 CAGUAAUC G	CCAA 14945	UUGGCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAGGU	36680
3576 GUGGCCAA G 3565 CACGACCA G 3562 CACGACCA G 3563 GCCCAACU G 3553 GCCCAACU G 3548 ACUGAAAA G 3502 CUGCACGA G 3501 UGCACGAG G 3502 CUGCACGA G 3501 UGCACGAG G 3474 UGUGACCAG G 3428 AGCGCAGU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3429 GUCAGUUU G 3429 GUCAGUUU G 3372 CUCUCUGU G 3369 UCUGUGGU G 3360 GUGGUCA G 3360 GUGGUCA G 3360 GUGGUCA G 3310 AGUUCCAC G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 UAGUUCCU G 3310 CAGUAAUC G	14946 AGAA	UUCUUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCAGGA	36681
3570 AAGAACAC G 3565 CACGACCA G 3562 GACCAACU G 3553 GCCCAACU G 3548 ACUGAAAA G 3504 ACUGAAAA G 3504 GACUGCAC G 3504 GACUGCAC G 3501 UGCACGAG G 3479 GUCACCUGU G 3479 GUCACCUGU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3429 GUCAGUUU G 3429 GUCAGUUU G 3372 CUCUCUGU G 3369 UCUGUGGU G 3360 GUGGUAA G 3356 GAGUGGAC G 3360 GUGGUAA G 3356 GAGUGGCA G 3360 GUGGUAG G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 CUCACUCU G	3GAC 14947	GUCGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGCCAC	36682
3565 CACGACCA G 3562 GACCAACU G 3553 GCCCAACU G 3548 ACUGAAAA G 3504 CUGACACA G 3502 CUGCACGA G 3502 CUGCACGA G 3479 GUCCCUGU G 3479 GUCCCUGU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3369 UCUGUGGU G 3360 GUGGUCA G 3360 GUGGUCA G 3360 GUGGUCA G 3310 AGUUCCAC G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 CUCACUCA G 3	-	CUUCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGUUCUU	36683
3562 GACCAGAA G 3553 GCCCAACU G 3548 ACUGAAAA G 3547 CUGAAAAA G 3504 GACUGCAC G 3502 CUGCACGA G 3479 UGCACGAG G 3479 GUCUCUGU G 3428 AGCGCAGU G 3420 GGUGGUCA G 3420 GGUGGUCA G 3420 GGUGGUCA G 3420 GGUGGUCA G 3369 UCUGUGGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3360 GGUGGUCA G 3360 GAGUGGCA G 3310 AGGUCCAC G 3311 UAGUUCCA G 3311 UAGUUCCA G 3311 UAGUUCCA G 3311 GAGUCCAC G 331		UGGGCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUCGUG	36684
3553 GCCCAACU G 3548 ACUGAAAA G 3547 CUGAAAAA G 3504 GACUGCAC G 3502 CUGCACGA G 3479 UGCACGAG G 3479 UGCACGAG G 3428 AGCGCAGU G 3428 AGCGCAGU G 3420 GGUGGUCA G 3420 GGUGGUCA G 3369 UCUGUGGU G 3360 GUGCGAGU G 3360 GUGCGAGU G 3360 GUGCGAGU G 3310 AGUUCCAC G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 GAGUUCCU G	AACU 14950	AGUUGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUGGUC	36685
3548 ACUGAAAA G 3547 CUGAAAAG G 3512 UCACUUGU G 3504 GACUGCAC G 3502 CUGCACGA G 3479 UGCACGUU G 3479 UGUGGUCU G 3428 AGCGCAGU G 3420 GGUGGUAA G 3420 GGUGGUAA G 3420 GGUGGUAA G 3369 UCUGUGGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3360 GUGCGAGU G 3356 GAGUGGUAA G 3356 GAGUGGUAA G 3356 GAGUGGUAA G 3360 GUGCGAGU G 3310 AGGUCCAC G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 UAGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G	3GGU 14951	ACCCUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGGC	36686
3547 CUGAAAAG G 3512 UCACUUGU G 3504 GACUGCAC G 3502 CUGCACGA G 3479 UGCACGAU G 3479 UGCAGUUU G 3428 AGCGCAGU G 3420 GGUGGUAA G 3420 GGUGGUAA G 3369 UCUGUGGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3364 GGUGGUAC G 3369 UCUGUGGU G 3364 GGUGGUAC G 3366 GAGUGGUAC G 3310 AGGUCCAC G 3311 UAGUUCCU G 3311 UAGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G	AAUC 14952	GAUUGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUCAGU	36687
3512 UCACUUGU G 3504 GACUGCAC G 3502 CUGCACGA G 3479 UGCACGAG G 3479 UGCACGAU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3420 GGUGGUAA G 3372 CUCUCUGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3364 GGUGGUAC G 3366 GAGUGGUAC G 3310 AGGUCCAC G 3311 UAGUUCCU G 3311 UAGUUCCU G 3310 CCACUCAG G	NUCA 14953	UGAUUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUCAG	36688
3504 GACUGCAC G 3502 CUGCACGA G 3501 UGCACGAG G 3479 GUCUCUGU G 3439 GUCAGUUU G 3428 AGCGCAGU G 3426 GGUGGUAA G 3369 UCUGUGGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3364 GGUGGUGC G 3360 GAGUGGUAG G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 GAGUUCCU G		CGUGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGUGA	36689
3502 CUGCACGA G 3501 UGCACGAG G 3479 UGCACGAG G 3474 UGUGGUCU G 3428 AGCGCAGU G 3420 GGUGGUAA G 3372 CUCUCUGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3360 GGGGUGC G 3324 GGUGCAAC G 3324 CUCACUCA G 3321 UAGUUCCU G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 CACUCAG G 3310 CAGUAAUC G 3310 CAGUAAUC G 3311 CAGUAAUC G 3311 CAGUAAUC G	JCUU 14955	AAGACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCAGUC	36690
3501 UGCACGAG G 3479 GUCUCUGU G 3439 GUCAGUUU G 3428 AGCGCAGU G 3428 AGCGCAGU G 3420 GGUGGUAA G 3369 UCUGUGGU G 3369 UCUGUGGU G 3369 UCUGUGGU G 3360 GUGCGAGU G 3324 GGUGCAAC G 3324 CUCACUCA G 3324 CUCACUCA G 3321 UAGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G		AAAAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUGCAG	36691
3479 GUCUCUGU G 3474 UGUGGUCU G 3439 GUCAGUUU G 3428 AGCGCAGU G 3426 GGUGGUAA G 3369 UCUGUGGU G 3364 GGUGGUGC G 3364 GGUGGUGC G 3369 UCUGUGGU G 3360 GUGCGAGU G 3328 CUCACUCA G 3324 CUCACUCA G 3324 CUCACUCA G 3321 UAGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G 3311 UAGUUCCU G 3311 UAGUUCCU G 3311 CACUCAGG G		GAAAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGUGCA	36692
3474 UGUGGUCU G 3439 GUCAGUUU G 3428 AGCGCAGU G 3425 GCAGUGGU G 3369 CUCUCUGU G 3364 GGUGGUGC G 3364 GGUGGUGC G 3360 GUGCGAGU G 3356 GAGUGGCA G 3328 CUCACUCA G 3328 CUCACUCA G 3321 UAGUUCCU G 3311 UAGUUCCU G 3310 AGUUCCU G 3310 CAGUAAUC G 3283	Н	GAUCAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAGAC	36693
3439 GUCAGUUU G 3428 AGCGCAGU G 3425 GCAGUGGU G 3420 GGUGGUAA G 3364 GGUGGUGC G 3364 GGUGGUGC G 3360 GUGCGAGU G 3356 GAGUGGCA G 3328 CUCACUCA G 3324 CUCACUCA G 3324 CUCACUCA G 3321 UAGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G		AUGGAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACCACA	36694
3428 AGCGCAGU G 3425 GCAGUGGU G 3420 GGUGGUAA G 3372 CUCUCUGU G 3364 GGUGGUGC G 3360 GUGCGAGU G 3356 GAGUGGCA G 3328 CUCACUCAC G 3324 CUCACUCAC G 3324 CUCACUCAC G 3321 UAGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G		UGCGCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACUGAC	36695
3425 GCAGUGGU G 3420 GGUGGUAA G 3372 CUCUCUGU G 3364 GGUGGUGC G 3360 GUGCGAGU G 3356 GAGUGGCA G 3328 CUCACUCA G 3324 CUCACUCA G 3324 CUCACUCA G 3310 AGUUCCU G		1	36998
3420 GGUGGUAA G 3372 CUCUCUGU G 3364 GGUGGUGC G 3360 GUGCGAGU G 3356 GAGUGGCA G 3349 AGGUCCAC G 3328 CUCACUCA G 3324 CUCACUCA G 3310 AGUUCCU G	3GUG 14962	CACCUUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACUGC	36697
3372 CUCUCUGU G 3369 UCUGUGGU G 3364 GGUGGUGC G 3360 GUGCGAGU G 3356 GAGUGGCA G 3328 CUCACUCA G 3327 UCACUCAG G 3324 CUCACUCAG G 3310 AGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G	14963 AGCU 14963	AGCUGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCACC	36698
3369 UCUGUGGU G 3364 GGUGGUGC G 3360 GUGCGAGU G 3328 AGGUCCAC G 3328 CUCACUCA G 3327 UCACUCAG G 3324 CUCACUCAG G 3311 UAGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G		CGCACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAGAG	36699
3364 GGUGGUGC G 3360 GUGCGAGU G 3349 AGGUCCAC G 3328 CUCACUCA G 3327 UCACUCAG G 3324 CUCAGGGU G 3311 UAGUUCCU G 3310 AGUUCCU G 3310 AGUUCCU G			36700
3360 GUGCGAGU G 3356 GAGUGGCA G 3328 CUCACUCA G 3327 UCACUCAG G 3324 CUCAGGGU G 3311 UAGUUCCU G 3310 AGUUCCU G 3300 CAGUAAUC G	7	CUGCCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACCACC	36701
3326 GAGUGGCA G 3349 AGGUCCAC G 3328 CUCACUCA G 3327 UCACUCAG G 3324 CUCAGGGU G 3310 AGGUCCU G 3300 CAGUAAUC G		GGACCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGCAC	36702
3328 CUCACUCA G 3327 UCACUCAG G 3324 CUCAGGGU G 3311 UAGUUCCU G 3310 AGUUCCU G 3300 CAGUAAUC G	\dashv	CCGUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCACUC	36703
3328 CUCACUCA G 3327 UCACUCAG G 3324 CUCAGGGU G 3311 UAGUUCCU G 3310 AGUUCCU G 3300 CAGUAAUC G		GCGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGACCU	36704
3327 UCACUCAG G 3324 CUCAGGGU G 3311 UAGUUCCU G 3310 AGUUCCUG G 3300 CAGUAAUC G		CGGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGUGAG	36705
3324 CUCAGGGU G 3311 UAGUUCCU G 3310 AGUUCCUG G 3300 CAGUAAUC G		ACGGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGUGA	36706
3310 NAGUNCCU G 3310 AGUNCCUG G 3300 CAGUAAUC G		ACUACGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUGAG	36707
3310 AGUUCCUG G 3300 CAGUAAUC G	\exists	UNACUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAACUA	36708
3300 CAGUAAUC G	14974 IA974	AUDACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAACU	36709
מ המכנה	14975 JA975	AUUGACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUACUG	36710
בסבסטים בסבב	JCGU 14976	ACGAAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGUAGAG	36711
7761 3269 CGUCCCAU G GGCCCUGG	TUGG 14977	CCAGGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGACG	36712

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7762	3268	GUCCCAUG G GCCCUGGU	14978	ACCAGGGC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGAC	36713	13
7768	3262	uegecccu e guungue	14979	1	1 '	+	14
7788	3242	UGUACCCA G GUCUCCGA	14980	UCGGAGAC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUACA	A 36715	15
7795	3235	AGGUCUCC G AUUGUGAU	14981	AUCACAAU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGACCU	JU 36716	16
7801	3229	ccanuau a nuacunc	14982	GAAGCAAU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAUCGG	3G 36717	17
7812	3218	0	14983	GGCGGGAC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA	A 36718	18
7826	3204	GCCAGUGU G ACUGGUAU	14984	AUACCAGU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUGGC	36719	19
7830	3200	GUGUGACU G GUAUUAUC	14985	GAUAAUAC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCACAC	1C 36720	20
7852	3178	ACUCUCAA G GAUUCCAU	14986	AUGGAAUC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAGAGU	36721 J	21
7853	3177	5 SI	14987	GAUGGAAU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAGAG	1G 36722	22
7871	3159	CCCCACAA G GUAUGCGU	14988	ACGCAUAC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGUGGGG	36723	23
7884	3146	Ö	14989	UACGUGGC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGACGC	3C 36724	24
7896	3134	ACGUACAU O AUTUGACU	14990	AGUCAAAU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUACGU	3U 36725	25
1901	3129	CAUGAUUU G ACUUCACC	14991	GGUGAAGU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAUCAUG	JG 36726	26
7912	3118	UUCACCCA G AACUGCCC	14992	GGGCAGUU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUGAA	AA 36727	27
7943	3087	b	14993	AGCAGGCU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGAUAC	AC 36728	28
7964	3066	ט	14994	GACCUGUC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUGGAU	AU 36729	29
7965	3065	Ф	14995	UGACCUGU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAUUGGA	3A 36730	30
1969	3061		14996	ACAGUGAC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCCUAU	1U 36731	31
7978	3052	GUCACUGU G GAUCGCCA	14997	UGGCGAUC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGUGAC	AC 36732	32
7979	3051	UCACUGUO G AUCGCCAA	14998	UUGGCGAU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGUGA	3A 36733	33
7997	3033	Ø	14999	ACGGCUGU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACAA	AA 36734	34
8012	3018	D D	15000	UCGAAGAU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAAC	4C 36735	35
8019	3011	ט	12001	AUGUGACU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAUCA		36
8048	2982	Ö	15002	CUGAAGGU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAGAG	1G 36737	37
8056	2974	GACCUUCA G GAACAUCC	15003	GGAUGUUC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGGUC	JC 36738	38
8057	2973	o	15004	CGGAUGUU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAAGGU	3U 36739	39
8065	2965	ט	15005	1 1	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUGUUC	Н	40
8072	2958	O	15006		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACUCG	36741	41
8075	2955	O	15007	UVUGGUCU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAGCAC	1C 36742	42
8077	2953	A G	15008	GAUUUGGU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCAGC	3C 36743	43
8119	2911	CCAAGCGC G AUUCUGAG	15009	CUCAGAAU GGAGG	GOAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGCUUGG	3G 36744	44
8125	2905	GCGAUUCU G AGUCGGAC	15010	GUCCGACU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUCGC	3C 36745	45
8130	2900	UCUGAGUC G GACAUUCC	12011	GGAAUGUC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACUCAGA	34 36746	46
8131	2899	Ö	15012	AGGAAUGU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACUCAG	AG 36747	47
8141	2889	D D	15013	CCGGAGAC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAAUG	JG 36748	48
8148	2882	บ บ	15014	UGAUGGUC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGACCA	A 36749	49
8149	2881	O	15015	UUGAUGGU GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAGACC	36750	50
8165	2865	ט	15016	AACAACAC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGUGGU	#U 36751	51
8174	2856	GUGUUGUU G GCGAGUUC	15017	GAACUCGC GGAGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAACAC	AC 36752	52

Table XII

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8177	2853	စ ပ	15018	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36/53
8184	2846	ซ	15019	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36754
8210	2820	Ö	15020	UGGAAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGAAA	36755
8240	2790	nonnacen e enecaen	15021	ACCECCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAAAA	36756
8243	2787	ncceneen e eceeneye	15022	CUCACCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACGGA	36757
8246	2784	GUGGUGGC G GUGAGGCG	15023	CGCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCACCAC	36758
8249	2781	GUGGCGGU G AGGCGUUU	15024		36759
8251	2779	вассепам в всепилме	15025	CUAAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGCC	36760
8259	2771	весеплия в вивсивыс	15026	GUCAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAACGCC	36761
8265	2765	UAGGUGCU G ACUUGUAC	15027	GUACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACCUA	36762
8297	2733	UCAACCAC G ACACUAAG	15028	CUNAGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGUUGA	36763
8305	2725	GACACUAA G GUCCACAC	15029	GUGUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAGUGUC	36764
8329	2701	CUUCAAAA G AGUGUUCA	15030	UGAACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGAAG	36765
8365	2665	CCACAUUU G AUGCUCCA	15031	UGGAGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAUGUGG	36766
8378	2652	UCCAGUCU G GAAACUGA	15032	UCAGUTUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACUGGA	36767
8379	1592	CCAGUCUG G AAACUGAU	15033	AUCAGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGACUGG	36768
8385	2645	UGGAAACU G AUCGUAGA	15034	UCUACGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUUCCA	36769
8392	2638	UGAUCGUA G ACCGCACA	15035	UGUGCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGAUCA	36770
8413	2617	UUCCUUAU G AGCUUUCU	15036	AGAAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAGGAA	36771
8422	2608	AGCUUUCU G AAUGAUCU	15037	AGAUCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAAGCU	36772
8426	2604	UUCUGAAU G AUCUUGGC	15038	GCCAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCAGAA	36773
8432	8652	AUGAUCTU G GCUAGGCC	15039	GGCCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAUCAU	36774
8437	2593	Ð	15040	CACAAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCCAAG	36775
8445	2585	eccanea e ecennaces	15041	UGAAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGGCC	36776
8454	2576	acautuca a aguaauac	15042	GUAUUACC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAAACGC	36777
8455	2575	CGUUUCAG G GUAAUACU	15043	AGUAUUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAAACG	36778
8470	2560	ט	15044	GGAUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUACAAG	36779
8501	2529	ט	15045		36780
8533	2497	Ð	15046	ACAUCAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAAGAG	36781
8537	2493	Ø	15047	AUAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGCA	36782
8546	2484	AUGUCUAU G GCACACCC	15048	GGGUGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAGACAU	36783
9258	2454	0	15049	UUCCUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAACGU	36784
8577	2453	CGUUCACO O AGAGGAAG	15050	CUUCCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGAACG	36785
8579	2451	UUCACGGA G AGGAAGAG	15051	CUCUUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCGUGAA	36786
8581	2449	CACGGAGA G GAAGAGCA	15052	UGCUCUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCCGUG	36787
8582	2448	ACGGAGAG G AAGAGCAG	15053	cuecucuu gaagaaacucccuucaagaacaucguccgg cucuccgu	36788
8585	2445	GAGAGGAA G AGCAGAAC	15054	GUUCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCUC	36789
8590	2440	GAAGAGCA G AACUCCUC	15055	GAGGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUUC	36790
8606	2424	ပ ပ	15056	ACGUUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGUUGG	36791
8608	2422	AACUGCGA G AAACGUGA	15057	UCACGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCAGUU	36792

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81.7 3.41 AAACCUMU G ACCUUNCO 15.69 CCLUNISCH GGRAGABACTICCCUTGAAGGACTICCGCGGG DIAGACTICG 167.91 862.1 2.406 AAACCUMU G ACCUUNC 15.60 GUINGGUG GGRAGAACTICCCUTGAAGGACTICGGCGGGG DIAGACTICGGGGGG DIAGACTICGGGGGG DIAGACTICGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	8615	2415	AGAAACGU G AGAGCUAU	15058	AUAGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGUUUCU	36793
2406 ANADICUNO G ADCUNICO. 15060 BANAGRADO GRAGABACOCCOUCAAGGACAUCGUCCGGG CAUAGGUC 2335 CCURICAC G ACCINUICA. 15062 UCANAGGA GAGAGAACCCCUCAAGGACAUCGUCCGGG CAUAGGUC 2335 CCURICAC G ACCINUICA. 15063 ACCINUICA GAGAGAACCCCCCGUCAAGGACAUCGUCCGGG CAUAGGUC 2337 CCACAACA G AAGACCCC. 15064 AGGAGAACCCCCUUCAAGGACAUCGUCCGGG CAUGAGAACCCCCUCCAAGGACAUCGUCCGGG CAUAGAGAACCCCCCUCCAAGGACAUCGUCCGGG CAUAGACCCCCCCCCC	8617	2413	O	15059	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36794
2405 AMACINUDO O ACCUNICA. 15061. UDANAGOU GARGARANCICCUCULCAAGGACAUCGUCGGG QUINAGG 23186 COMACIANO O ARCOURGA 15063 UCARAGOU GARGARANCICCUCULCAAGGACAUCGUCGGG QUINAGG 23181 COMACIANO O ARGAGOA 15064 GGGCUCUG GARGARACUCCCUUCAAGGACAUCGUCGGG UGUUGGG 2317 CACAAACA O ABAGCCC 15064 GGGCUCUG GARGARACUCCCUUCAAGGACAUCGUCGGG UGUUGGG 2318 QUANCACCA 15066 GGGCUCUG GARGARACUCCCUUCAAGGACAUCGUCGGG UGUUGGG 2319 QUANCACCA 15066 GGGCUCUG GARGARACUCCCUUCAAGGACAUCGUCGGG UGUUGGG 2320 CACAACAGA ARCAGUGG 15067 GGCCUCUG GARGARACUCCCUUCAAGGACAUCGUCGGG UGAGGADAA 2321 CACACACCA 15066 GGCCUCUG GARGARACUCCCUUCAAGGACAUCGUCCGGG UGAGGADAA 2321 CACACACCA ARCAGUGG 15070 AGCCUCUC GGAGCAACACCCCCUUCAAGGACAUCGUCCGGG CGGCGCCGG 2321 CACACACAC ARCACACAC 15070 AGCCUCUC GGAGCACACCCCUUCAAGGACAUCGUCCGGG CGCCCGGG GCCCCCCCCCC	8624	2406	Ö	15060	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36795
23.95 CONDUNCAGO O GARCONUMO 15.06.2 UNCRESCOU GARGORANICCOUTCAARGACAUCGUCGGGG ANGEGUCG 23.71 CONCUNACA O GARGACCCC 15.06.4 AUTGGGCUU GARGAAACUCCCUUCAARGACAUCGGCGGG NAGGUCGC 23.71 CONCACAN O GARGACCCC 15.06.5 AGGCCUCU GARGAAACUCCCUUCAARGACAUCGGCCGGG UGUUGGG 23.72 CONCACAN G AGAGCCCC 15.06.5 GAGCCUCU GARGAAACUCCCUUCAAGGACAUCGGCCGGG UGUUGGG 23.73 CONCACAN G AGAGCCCC 15.06.7 GAGCCUCU GARGAAACUCCCUUCAAGGACAUCGGCCGGG UGUUGGG 23.74 CANACAGG G AGAGCCCC 15.06.7 GACCUCUC GARGAAACUCCCCUUCAAGGACAUCGGCCGGG UGGUUGGG 23.75 CUCACAGU G AGAGCCCC 15.06.7 GACCAGGG GAAGGACCCCCCCGGG UGGAGAAACUCCCCUUCAAGGACAUCGGCCGGG UGGAGAACUCCCUCCGGG TAGGAGAACUCCCUUCAAGGACAUCGGCCGGG UGGAGAACUCCCUUCAAGGACAUCGGCCGGG CAGGAGAACUCCCUUCAAGGACAUCGGCCGGG CAGGAGAACUCCCUUCAAGGACAUCGGCCGGG ACGAGAACUCCCUUCAAGGACAUCGGCCGGG ACGAGAACUCCCUUCAAGGACAUCGGCCGGG ACGAGAACUCCCUUCAAGGACAUCGGCCGGG ACGAGAACUCCCUUCAAGGACAUCGGCCGGG ACGAGAACUCCCUUCAAGGACAUCGGCCGGG ACGAGAACUCCCUCCAAGGAACUCGCCCGGG ACGAGAACUCCCUCCAAGGACAUCGGCCCGGG ACGAGAACUCCCUUCAAGGACAUCGGCCGGG ACGAGAACUCCCUCCAAGGAACUCGCCCGGG ACGAGAACUCCCUCCAAGGACACCCCGGG ACGAGAACCCCCCCCGGG ACGAGAACCCCCCCC	8625	2405	Ö	15061	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36796
23.18 CONDACADO G MUCCCCUD 1.506.53 AUGGGGCUTO GARGGARACCCCUTOLAGGGACAUCGGGGG LUGUGGGG 23.71 COCADACAG GARGCCCC 15.065 GGGGCUTOC GARGGARACCCCCUTOLAGGACAUCGGGGG LUGUGGGG 23.72 CACAAGGA GARGCCCC 15.065 GGGGCUTOC GGAGGARACCCCCUTOLAGGACAUCGUCGGGG UGUGGGG 23.73 CACAAGGA GACCCCCC 15.067 GACAAGGA GAGGAGAACCCCCUTOLAGGACAUCGUCGGG UGUGGGG 23.24 CACAAGGA GACAAGGA GACCAAGGA GACAAGGA GACAAGGA GACAAGGA GACAAGGA GACAAGGA GACAAGGA AGGACAAGA GACAAGAAACTCCCCUTOLAGGACAUCGGGGG UGAGACAAGA GACAAGAAACTCCCUTOLAGGACAUCGGGGG UGAGACAAGA GACAAGAAACTCCCUTOLAGGACAUCGGGGGGA GACAAGACAAGA AGGACAAGA GACAAGAACACACAGAAACACCCCUTOLAGGACAACCGCCGGG CACAAGACAACAACAACAACAACACACCCUTOLAGGACAACACCCCCGGGG CACAAGACAACAACAACAACAACAACAACAACAACAACAA	8635	2395	ø	15062	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36797
2371 COCRADADA G GARGECCC 15064 GGGCUCUC GGAGGARAACUCCCUUCAAGGACAUCGUCCGGG UCUCAACAG GAGGCCC 15065 GGGGGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCAACAG G AGACGCC 15066 GGGGGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCAACAG GACACGC 15067 GGCAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCAACAG GACACGCC 15067 GGCAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGGACAACACCCUUCAAGGACAUCGUCCGGG UCAGGACAACACCCUUCAAGGACAUCGUCCGGG UCAGGACAACACCCUUCAAGGACAUCGUCCGGG UCAGAGACAACACCCUUCAAGGACAACACCCCUUCAAGGACAACACCCCUUCAAGGACAACACCCCUUCAAGGACAACACCCCUUCAAGGACAACACCCAGGG ACAGACAACAACACCCAACAACACACCCCUUCAAGGACAACACCCGGGG ACAGACAACAACACACAACAACACACACACACACACACA	8642	2388	O	15063	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36798
2310 CACADAGO G AGROCCO 15065 GRGGORDU GRAGGARACUCCUUCAAGGACAUCGUCCGGG CUCUUGA 2310 CACADAGO G AGROCCO 15067 GRGGORDU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCUUGA 2310 GUADAGGO G AGROCCO 15067 GACADUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCUUCA 2313 UNUNCCAG G ACAUGGO 15067 GACADUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCUCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACACCUUCAAGGACAACUCCCUUCAAGGACAUCGGGCGGG	8659	2371	O	15064	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36799
2356 CARCAGOR A RACCCCOCA 15066 UGGGGGAAACUCCCUUCAAGGACAUCGUCGGGG UGCUUUCA 2339 UNDUCCA G GAUNGCC 15068 AGCANGUC GGAGAAACUCCCUUCAAGGACACUCGUCGGGG UGGAUAAC 2321 UNDUCCAG G ACANGCC 15068 NACCAGUG GGAGAAACUCCCUUCAAGGACACUCGGGGGGGCACCUCCAGGGCACCGGGGGCACCUCCAAGGACACUCCGGGGGCACCACGGGCACCACGGGGCACCACGGGGCACCAC	8660	2370	O	15065	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36800
2310 GRUNNICCA G GARCINICCA 15067 GGENUGUE GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG UGGAUJAA 2328 UNINDECAG G AACUGGCA 15069 UNICCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAUJA 2321 CGAACAGU G AACCGGAA 15070 AUUCCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAUJA 2321 CGAGGAGA G GAACACGU 15071 GAGCAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUG 2304 AGUAGGCG G AACACGU 15071 GAGCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUG 2304 GCUCCUC G AACACCU 15072 CGAGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUG 2305 GAACACCU G AACACCU 15073 CGAGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUG 2306 GCUCCUC G AACACCU 15073 CGAGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUG 2307 CAGUGAGC G AACACCU 15073 CGAGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUG 2308 GACUCACU G AACACCU 15074 CUGUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUG 2309 ACUUGANG G GUAGACCU 15074 AGUCGGAGAACUCCCUUCAAGGACAUCGUCCGGG CAUCAGU 2301 ACUCAACU G AGGAGCAC 15075 AGGCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAGU 2302 ACUCAACU G AGGAGCAC 15075 AGGCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAGU 2303 ACUCAACU G AUCACCC 15079 GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAGU 2304 ACUCAACU G AUCACCC 15079 GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAGG 2305 ACUCAACU G AUCACCC 15079 GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAGG 2306 CUCCAACU G AUCACCC 15079 GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAGG 2307 ACUCAACU G AUCACCC 15079 GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAGG 2308 GUCCAACU G ACGAGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAGG 2309 GCUCCAACU G ACGAGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAGG 2300 GCCUCUUG G AGGGGGGA AACCGC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG CAUCAGG 2300 GCCUCUUG G AGGGGGGGGG 2300 GCCUCUUG G AGGGGGGGGGGG 2300 GCCUCUUG G AGGGGGGGGG 2300 GCCUCUUG G AGGGGGGGGGG 2300 GCCUCUUG G GGGGGGGGGGG 2300 GCCUCUGG G GGGGGGGGGGG 2300 GCCUCUGG G GGGGGGGGGGG	8662	2368	೮	15066	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36801
2339 UNANCCAG G ACANGCUM 15068 AGGCARUDU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGARDA 2321 AUNOCUCC G AACAGGAM 15069 UCACUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAGU 2321 CGAACAGU G AACAGGAM 15073 AUCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAGU 2317 CGAACAGU G AACACCUC 15071 GAGCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGCCCGG 2316 GAACCCUU 15073 CAACAGUU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGGG GCGUCCCG 2304 GCUCCUCC 6 AACACCUU 15073 CAGGGGAAACUCCCUUCAAGGACAUCGUCCGGGG GCGUCCGG 2236 GACCUUCU AACACCUC 15074 CUGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG GCGCGGG 2237 ACCUUCAG AACACCUC 15077 GUGCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGGG ACCACACACACACACACACACACACACACACAC	8690	2340	Ð	15067	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36802
2328 AUDICUCC G ARCHGURA 15059 UCACUGUU GARGARANCUCCUUCAAGGACAUCGUCCGGGGGGGGGCAA 2321 CGARACANU GAGGGANU GAGGGAAACUCCCUUCAAGGACAUCGUCGGGGGGGGGGG	8691	2339	ט	15068	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36803
2321 CORRACADU O ROCCOUNTO AUTUCGOU GGRGGAACUCCOUNCAAGGACAUCGUCCGGG ACUGUUCG 2317 CAGUIGAGO 15073 GAGCAUU GGRGGAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUC 2316 AGUIGAGO 15073 GAGCAUU GGRGGAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUC 2316 GAGUACUC 15073 CAAGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUC 2236 GARCACCUU 15073 CAAGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAGGC 2236 CACUUGAN ARCACCUU 15074 CUCUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUCGCGCA 2237 CACUACUA AAGGGGGA 15078 GUGUCCUC GAAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUCGCCCAACGACAACUCCCUUCAAGGACAUCGUCCGGG AACUCGCCCAACGACAACUCCCUUCAAGGACAUCGUCCGGG AACUCGCCCAACGACAACUCCCUUCAAGGACAUCGUCCGGG AACUCGCCCAACGACAACUCCCUUCAAGGACAUCGUCCGGG AACUCGCCCAACGAACACCCCCUUCAAGGACAUCGUCCGGG AACUCGACAACACCCCUUCAAGGACAUCGUCCGGG AACUCGCCCAACAACACCCCCUUCAAGGACAUCGUCCGGG AACUCGCCCAACAACACCCCCUUCAAGGACAUCGUCCGGG AACUCGACAACACCCCUUCAACGACAACACCCCUUCAAGGACAUCGUCCGGG AACUCGACAACACCCCUUCAACGACAACACCCCCUUCAAGGACAUCGUCCGGG AACUCGACAACACACCCCUUCAACGACAACACCCCUUCAAGGACAUCGUCCGGG AACUCGACAACACACACACACACACACACACACACACACA	8702	2328	O	15069	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36804
2317 CARGURANC G GARDICCUC 15071 GARDICATUC GGARGAACUCCCUUCAAGGACAUCGUCCGGG GCUCCUG 2316 AGURAGGG AAUGACUC 15072 GGARGAACUCCCUUCAAGGACUCCGUCCAGGG GGAGGACUC 2304 GUCCUCC BACACUUC 15073 CGAGGAAACUCCCUUCAAGGACUCGUCCGGG GAGGGGAACUCCCUUCAAGGACUCCGUCCAGGG 2292 CACUUCAN GACAGCCU 15074 CUGGCCAU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGGG 2273 ACCUUGAN GACAGCCU 15079 GUGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGGG 2274 ACCUAGAG AAGGGGG GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGGG 2274 ACCUAGAG GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGGG 2275 ACCUAGAG GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGGG 2271 ACCUAGAG GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGGG 2271 ACCUAGAG GAGGGGAAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGGGG 2274 ACCUAGAG GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGGGG 2275 GUCCAACUG AAGGGGGG GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG	8709	2321	g	15070	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36805
2216 AGUCGUCC G AGUACCUU I 15072 GGAGGANU GGAGGAAACUCCCUUCAAGGACACUCGUCGGG GGAGGAGC 2294 2294 GGUCGUCC G AACACUUB 15074 CUGUCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGGGG AGUGGGG 2293 22293 GCCUUGANU G GACAGCCUU 15075 AGGCUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGGGGAACUCCUUCAAGGACAUCGUCCGGG AGUGGGG AGUGGGG 2276 2276 UCCCAACUG G AGGGGAAC 15076 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGGA AGUGGGGAACUCCUUCAAGGACAUCGUCCGGG AGUUGGGA AGUCAAGUG 2277 2277 ACUGAACAC G AGGGGAAC 15079 GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGGA AGUCAAGUG 2277 2278 ACUGAACAC G AGCGCCC 15079 GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGGA AGUCAAGUG 2277 2270 ACUCAACUG A AGCCCCC 15079 GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGA AGUCAAGUG 2277 2271 ACUCAACUG G AGCCCCC 15079 GGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAG AGUUGGAG AGUUGGAGAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAGAACUCCCUUCAAGGACAUCGUCCGGG AGUCAAACACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCAAACACAC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACGAAACACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGAGA ACGAGAAACACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGAGA ACGAGAAACACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGAGA ACGAGAAACACCCCUUCAAGGACAACAC GGAGGAAACUCCCUUCAAGGACAACGCCCUUCAAGGACAACCCCUUCAACGACAACAC GGAGGAAAACCCCCUUCAAAGGACAACACCCCUUCAAACGACAACACCCCUUCAAACGACAACACCCCUUCAAACGACAACACCCCUUCAAACACACCCCUUCAAACACACCCCUUCAAACACACACACACACACACACACACACACACACACACA	8713	2317	Ð	15071	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36806
2296 GACCUCC G PACACUUG 15073 CAAGUGGUU GAAGGAAACUCCCUUCAAGGACAUCGGCGG GGAGGAGC 2295 GACUUGAU G AUGACCAG 15074 CUICUCCAU GGAGGAAACUCCCUUCAAGGACAUCGCCGGG AUCAAGU 2292 ACUUGAU G AGGACCAU 15076 AAGGCUGU GGAGGAAACUCCCUUCAAGGACAUCGCCGGG AUCAAGU 2274 CUCCAACU G AGGACCAU 15076 AAGGCUGU GGAGGAAACUCCCUUCAAGGACAUCGCGGG AUCAAGU 2274 CCCAACUGA G GUGACACC 15077 GUUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUCAAGG 2274 CCCAACUGA G GUGACAC 15077 GUUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACUUCAGG 2274 ACUGAGG G GUACACC 15079 GGGGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACUCAGG 2223 CUCCAACUG G AUCCAAGG 15080 CUUUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACUCAGG 2223 CUCCAACUG G AUCCAAGG 15081 UAGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACUCAGG 2223 CUCCAACUG G AUCCAAGG 15081 UAGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCAGG 2223 CUCCAAC G GCAGGUU 15081 ACCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCAGG 2223 CUCCAAC G GCAGGUU 15081 ACCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCAAGG 2200 UCCUUUGA G GGUGGUU 15081 ACCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCAAGG 2200 UCCUUUGA G GUGGUUGU 15081 ACCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAGG CCUUUAAG G GUGGUUGU 15081 ACCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAGG CCUUUAAG G GUGGUUGU 15081 ACCACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAGG CCUUUAAG G GUGGUUGU 15081 ACCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUTACAAGG CCCAAUGG G GUGGUUGU 15081 ACCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUTACAAGG CCCAAUGG G GUGGUUGU GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUTACAAGG CCCAAUGG G AUCCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUTACAAGG G GUGCUUAAG G GUGCUUAA G GUGCUUAA G GUCGUUAA G GUGCUAAAG G GAGGGAAACUCCCUUCAAGGACACCCUUCAAGGACACCCCUUCAAGGACACACCCGGG G AAACGCCC 15081 GACACACC GGAGGAAACUCCCUUCAAGGACACCCCUUCAAGGACACCCCUCCAAGGACACACCGGGGAAACCCCCUUCAAGGACACCCCUUCAAGGACACCCCUUCAAGGACACCCCCUUCAAGGACACACCCGGGG AAACGCCC 15081 GACACACCC GGAGGAAACCCCCUUCAAGGACACCCCCUCCAGGG AAACGCCC	8714	2316	O	15072	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36807
2296 GANCIACUU G ANGACAG 15074 CUGUCCAU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG AAGUGUC 2293 ACACUGAU G GACGCCUU 15075 AAGGCUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUGGUCGGG 2294 ACUGACCUU 15076 AAGGCUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUCAGUC 2276 UCCCAACUG GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCAACUG AAGGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCUGU 2274 ACUGAACUG GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCUGU GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCUGU AAGGCUGU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCUGU AAGACGAC 15079 GUUUGGAU GAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGGGA AAGACGAC 15081 CUUUGGAU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGGGA AAGACGAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGGGA AAGACGAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGGAG AAGACGAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGGAG AAGACGAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACGAC AAGACGAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACGAC GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG AAGACGAC GAGAGGAAAC	8726	2304	O	15073	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36808
2293 CACUNGAN G GACAGCUU 15075 AGGCUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAAGUG 2292 ACUNGANU G ACAGCUU 15076 AAGGCUGU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG CAUCAAGU 2274 UCCCAACU G AGGUGAAC 15076 GUGGUGUU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG CAUCAAGU 2274 CCCAACUG G GGGUGUU GGAGGAAACUCCCUUCAAGGACAUCGGCGGG CAUCAAGGA 2271 2271 ACUGAGGU G AACACCCC 15079 GGGGUGUU GAGGGAAACUCCCUUCAAAGGACAUCGCCGGG ACUCAAGGACAUCGGCCGGG CAUCAAGGACAUCGUCCAAGGACAUCGGCCGGG CAUCAAGGACAUCCCUUCAAAGGACAUCGUCCGGG CAUCAAGGACAUCCCUUCAAAGGACAUCGUCCGGG CAUCAAGGACAUCGUCCAGG GCUCAAGGACAUCCCUUCAAAGGACAUCGUCCGGG GCUCAAGGACAUCGUCCAGG GCUCAAGGACAUCGUCCAGG GCUCAAAGGACAUCGUCCAGG GCUCAAGGACAUCGUCCAGG GCUCAAGGACAUCGUCCAGG GCUCAAAGGACAUCGUCCAGG GCUCAAGGACAUCGUCCAGG GCUCAAGGACAUCGUCCAGGACAAUCGUCCCUUCAAAGGACAUCGUCCAGGACAUCGACCACCACAGGACAUCGUCCAGGACAAACCACCACACAGGACAUCCACACACA	8734	2296		15074	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36809
2222 ACUGANCO G ACAGECCUU 15076 AAGGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAAGU 2276 UUCCCAACU G AGGUAACAC 15077 GUUUCACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGGA 2271 ACUGAACU G AAGGACC 15079 GUGGUUCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGAGU 2223 CUCCAACU G AACACCCC 15079 GGGGGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGAGU 2223 GUCCAACU G AACACCCC 15079 GGGGGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGAGU 2223 GUCCAACU G AGCGGCUA 15081 UAGCCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGAGU 2223 GUCCAUU G AGCGGUUG 15081 UAGCCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGAGU 2223 GUCCAUU G AGCGGUUG 15081 ACCACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGAGC 2200 UCCUUUAA G GGUGGUUG 15081 ACCACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGC 2200 UCCUUUAA G GGUGGUUG 15081 ACCACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGC 2200 UCCUUUAA G GGUGGUUG 15081 ACCACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGC 2109 CCUUGAG G GUGGUUG 15081 ACACCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGC 15081 ACACCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGC 15081 ACACCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGC 15081 ACACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGC 15081 ACACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAAGGC 15081 GUUUAAA G GUUUCAA G GUAUUAA 15081 UCAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACACA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACACA G GGGGUUU G AUCUCCAA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACACA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACACA G GGGGUUUCAA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACACA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACACA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACACA G GGGGUUUCAA G GGAGGAAACUCCCUUCAAGGACACACCC GGAGGAAACUCCCUUCAAGGACACUCCGGG AUCACACA G GGGGUUUCAA G GGAGGAAACUCCCUUCAAGGACACACCC GGAGGAAACUCCCUUCAAGGACACACCC GGAGGAAACCCC GGAGGAAACCCC CUUCAACA G GGUGGUUCAACA G GGAGGAACACCC GGAGGAAACCCCC	8737	2293		15075	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36810
2276 UCCCAACU G AGGUGAAC 15077 GUUCACCU GGAGGAAACUCCUUCAAGGACAUCGUCGGG AGUUGGGA 2271 ACUGAGGU G AACACCCC 15078 GGGGUUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAGU 2271 ACUGAACU G AUCCAAAG 15080 CUUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAGU 2227 GUCCCAACU G AUCCAAAG 15081 UAGCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAGU 2223 CCURGAACU G AUCCAAAG 15082 AGACUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAGU 2223 CCURGAACU G AUCCAAAG 15083 ACCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAGG 2220 CCURGAGG G GCUGUGA 15083 ACCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAGG 2200 UCCUUGAA G GUGGUAAA 15083 ACCACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAAAGGA 2219 CCUUGAG G GUUGUAAA 15083 ACAACCAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAAGGA 2185 UUCAUCAA G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAAGGA GAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAAGGA 2186 GUUGUAAA 15088 UUUACAAACCC GAGGGAAAACUCCCCUUCAAGGACAUCGGCCGGG CUCAAAGGACAUCGUCCAGGA AUUGACACACC GGAGGGAAACUCCCCUUCAAA	8738	2292	O	15076	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36811
2274 CCAACUGA G GUGABACAC 15079 GUGUUCAC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGUUGG 2271 ACUGAGGU G AACACCCC 15079 GGGGUGUU GAAGGACAUCGUCCAAGGACAUCGUCCGGG ACUCAGG 2255 CUCCAACUGA G AUCCAAAG 15080 CUUUGGAU GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCAGGACAUCGUCCGGG GCUCAGG 2223 CCUAGAGC G AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAGG 15081 AGACUTAGC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAGGG 2220 CCUAGAGC G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAGGG 15081 ACCACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAAGGG 2200 UCCUUUGA G GGUGGUUG 15081 ACCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAAGGG 2200 UCCUUUGA GGUGGUUG GAAGGAAACUCCCUUCAAGGACAUCGGCCGGG GCUCAAGGG 2189 UCCUUUGA GGUGGAAACUCCCUUCAAGGACAUCGGCCGGG UCAAAGGG ACAACCAC GGAGGAAACUCCCUUCAAGGACAUCCGGG UCAAAGGG 2180 UUCAGGGGG GUUUGCAAG GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG UCAAAGGG ACAACCAC GGAGGGAAACUCCCUUCAAGGACAUCCGGG UCAAAGGG ACAACCAC GGAGGGAAACUCCCUUCAAGGACAUCGGGG UCAAAGGG ACAACACAC GGAGGGAAACUCCCUUCAAGGACAUCGGGG UUAAAGGGCACACCGGG UUAAAGGGACAUCGAGGACAUCGAGGACAUCGGG UCAAAGGGACAUCGAGGACAUCGGGG UUAAAGGGACAUCGAGGACAUCGAGGACAUCGAGGACAUCGAGGACAUCGAGGACAUCGAGGACAUCGAGGACAUCGAGGACAUCGAGG	8754	2276	ט	15077	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36812
2271 ACUGAGGU G AACACCCC 15079 GGGGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCAGU 2255 CUCCAACU G AUCCAAAG 15080 CUUUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAG 2227 GUCUCCUU G AGGGUGUU 15081 UAGCCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGA 2202 GCUCCUUU G AGGGUGUU 15082 ACCACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGA 2200 UCCUUUGAG G GUUGUUAA 15085 ACCACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGA 2199 CCUUUGAG G GUUGUAAA 15086 UUDCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGA 2187 GUUGUAAA G GUUGUUAAA 15086 UUDCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAAGGA 2165 UUGAGGGU G GUUGUAAA 15086 UUDCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGA 2167 GUUGUAAA G GUUGUUAAA 15089 UCAAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACAAGGA 2168 UUGAGGGU G GUUGUUAAA 15089 UCAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACAAGGA 2169 CCAAUGGU G ACUUGUCC 15087 GGCAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACAAGGA 2111 CCAAUGGU G AUUGUUG 15099 ACCAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC 2100 UCUCCAAA G GUUGGUUC 15091 CAACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAGCA 2100 UCUCCAAA G GUUGGUUC 15091 GAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAGCA 2100 UCUCCAAAG G GUGGUUC 15091 GAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGCA 2100 UCUCCAAAG G GUGGUUC 15091 GAAACAC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAG CUUCAAGGACAUCGUCCGGG UUUGGAGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGA CUCCAAAG G GUGGUUC 15091 GAAACAC GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAG CUUCCAAAG G GUGGUUC 15091 GAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCAAAG G GUGGUUC 15091 GAAACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAG CUUCAAGGACAUCGUCCGGG UUUCAAAG G GUGGUUC 15091 GAAACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCGAG UUUCAAUCA G GUGGUUC 15091 GAAACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCAAUCA GAACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUCAAGGACAUCGUCCGGG CUUCAAGGACAUCGUCCGGG CUUCAAGGACAUCGUCCGGG CUUCAAGGACAUCGUCCGGG CUUCAAGGACAUCGUCCGGG CUUCAAGGACAUCGUCCGGG CUUCAAGGACAUCGUCCGGG CUUCAAGGACAUCCGCGG CUUCAAGGACAUCCGGG CUUCAAGGACAAC GGAGGAAACCCCUUCAAAC GGAGGAAACCCCUUCAAA	8756	2274	O	15078	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36813
2255 CUCCAACU G AUCCAAAG 15080 CUUUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAC 2227 GUCUCUM G AGCGGUM 15081 UAGCCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGAGAC 2223 CCUMGAGG G GCUGUGG 15082 AGACUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAAGGA 2200 GCUCUUUGA G GGUGGUUG 15083 ACCACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAGGA 2200 UCCUUUGAG G GUGGUUGA 15084 CAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAGGA 2196 UCCUUUGAG GUGGUUGA 15084 CAACCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAGGA 2196 UUCAACAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAGGA UCCUCCAA GGCACAAGG GGAGGAAACUCCCUUCAAGGACAUCGCCGGG UUACAAGGACAUCGGCCGGG CUCAAGGACAUCGUCCGGG ACAAGGA ACCACAAGG GGAGGAAACUCCCUUCAAGGACAUCGCCGGG ACAAGGA ACCACAAGG GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG ACAAGGA ACCACAAGG GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG ACAAGGA ACCAAAGG ACCAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGGA ACCAAAGG ACAACAAGA ACAACAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAAGGA ACAACAAGA ACAACAAGA ACAACAAGA GAGGAGAAACUCCCUUCAAGGACAAUCGUCCGGG ACAAAACAAA	8759	2271	ס	15079	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36814
2227 GUCUCCUA G AGCGGCUA 15081 UAGCCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGAGAC	8775	2255	ဗ	15080	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36815
2223 CCURGAGG GCUCUAGG GGAGGAAACUCCCUUCAAGGACAUCGUCGG CCUUAGG 2202 GCUCCUUU GAGGGUGGU 15083 ACCACCCU GAGGGAAACUCCCUUCAAGGACAUCGUCGGG AAAGGAGA 2200 UCCUUUGA GGUGGUUG 15084 CAACCACC GAGGGAAACUCCCUUCAAGGACAUCGUCGGG UCAAAGGA 2199 CCUUUGAG GGUGGUUG 15087 ACAACCAC GAGGGAAACUCCCUUCAAGGACAUCGUCGGG UCAAAGGA 2196 UUGAGGU GUUGUAAA 15086 UUUACAAC GAGGGAAACUCCCUUCAAGGACAUCGUCGGG UUACAACCA 2187 GUUGUAAA 15086 UUAACAAC GAGGGAAACUCCCUUCAAGGACAUCGUCGGG UUACCACCAA 2165 UUGAGUUG 15087 GGCAAAGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCUCAAGGACAUCGUCCGGG UUACCUCAAGGACAUCGUCCGGG UUACCUCAAGGACAUCGUCCGGG UUACCUCAAGGACAUCGUCCGGG UUCAAUCAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAUCAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAUCAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAUCAC AGAUCACAC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAUCAC AGAUCACAC GGAGGAAACUCCCUUCAAAGGACAUCGUCCGGG UUCACAAA GGAGGUUCACACACACAC	8803	2227	٥	15081	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36816
2202 GCUCCUUU G AGGGUGGU 15083 ACCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGAA 2200 UCCUUUGA G GGUGGUUG 15084 CAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGG 2199 CCUUUGAG G GUGGUUGU 15085 ACAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGG 2196 UUGAGGGU G GUUGUAA 15086 UUJACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUJACAAC 2187 GUUGUAA GGUAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUJACAAC 2165 UGCUUCCA GACUUGACC 2167 GGCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUJACAAC 2168 GCACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUJACAC 2169 ACAUUGUCA 2160 ACUUGUCA 2169 ACAUCACAC 2160 AGUUGUCA 2170 AGUUGUUCA 2180 UCAAUCAC 2180 UCAAUCAC </td <td>8807</td> <td>2223</td> <td>ס </td> <td>15082</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36817</td>	8807	2223	ס	15082	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36817
2200 UCCUUUGA G GGUGGUUG 15084 CAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGA 2199 CCUUUGAG G GUGGUUGU 15085 ACAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAGG 2196 UUGAGGGU G GUUGUAAA 15086 UUUACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAACC 2187 GUUGUAAA G GCUUUGCC 15087 GGCAAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUACAACC 2165 UGCUUCCA G ACUUGUGC 15089 UCAAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUACAACC 2167 GUGCUAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUACAACC 15089 UCAAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCACA 2168 UGCUCCAA 15090 AGAUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCACA 2179 UGGUGAUU GAACCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCACA 2111 CUAAUGUU AACUGUUCA GAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCACA 2100 UCCCCAAUGGU GAUCGUUCA 15091 CAACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCACA 2100 UCCCCAAAG GGUGGUUC 15092 UGGAGACACCCCUUCAAGGACAUCGUCCGGG AUUCGGG AUUGGCACACACACACACACACACACACACACACACACAC	8828	2202	ଠ	15083	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36818
2199 CCUUUGAG G GUGGUUGU 15085 ACAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAAGG 2196 UUGAGGGU G GUUGUAAA 15086 UUUACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUCAA 2187 GUUGUAAA G GCUUUGCC 15087 GGCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUACAAC 2165 UGCUUCCA G ACUUGUGC 15089 UCAAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAGCA 2165 UGCUUCCAAU G GUGAUUGA 15089 UCAAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC 2166 GUGAUUGA 15090 AGAUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC 2116 CCAAUGGU G AUUGAUC 15091 CAACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC 2110 CCAAUGGU G AUUGUUCA 15092 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCACA 2100 UCUCCAAA G GGUGGUUC 15092 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGACAUCGUCCAAA 2099 CUCCAAAG G GGUGGUUC 15094 GAACCACC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAGACAUCGUCCAAA 2096 CUCCAAAG G GUGGUUCC 15094 GAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAGACAUCGUCCAAA 2096 CUCCAAAG G GUGGUUCC 15094 GGAGGAAACCCCUUCAAAGGACAUCGUCCGGG CUUCAAACGACACACAAAAAAAAAA	8830	2200	٥	15084	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36819
2196 UVGAGGGU G GUUGUAAA 15086 UUUACAAC GGAGGAAACUCCUUCAAGGACAUCGUCCGGG ACCUCAA 2187 GUUGUAAA G GCUUGCC 15087 GGCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCAAC 2165 UGCUUCCA G ACUUGUGC 15088 GCACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAGCA 2152 GUGCCAAU G GUGAUUGA 15089 UCAAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC 2149 CCAAUGGU G AUUGAUC 15090 AGAUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC 2111 CUANGUNU G AUUGAUG 15091 CAACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGACA 2100 UCUCCAAA G GGUGGUUC 15092 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGACA 2099 UCUCCAAA G GGUGGUUC 15092 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGAACUCCUUCAAGGACAUCGUCCGGG UUUGGAGAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGAACCUCCUUCAAGGACAUCGUCCAGG UUUGGAGAACCUUCAAGGACAUCGUCCAGG UUUGGAGAACCUCCUUCAAGGACAUCGUCCGGG UUUGGAGAACCUUCAAGGACAUCGUCCAGG UUUGGAGAACUCGUCCAAAG G GUGGUUCCA 15094 GGAGCCAC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGAACCUUCAAGGACAUCGUCCAGG UUUGGAGAACCUUCAACGACCCUUCAAACGGACAUUGGACCACC 15094 GGAGGAAACCCCUUCAAACGACACCCGGG UUUCAACGGACAUCGACCCUUCAACGACACCCCUUCAACGACACCCCUUCAACACACCCCUUCAACACACCCCUUCAACACACACCCCUUCAACACACACACACACCCCAACACACACACACACACACAC	8831	2199	0	15085	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36820
2187 GUNGUADAA G GCUUUGCC 15087 GGCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUACAAC 2165 UGCUUCCA G ACUUGUGC 15088 GCACAAGU GAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA 2152 GUGCUANUGA G ACUUGUGA 15089 UCAAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC 2149 CCAAUGGU G AUUGAUCA 15090 AGBUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC 2111 CUANGGUU G AUUGGUUG 15091 CAACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGCAC 2100 UCUCCAAA G GGUGGUUC 15092 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCGACAUGG 2096 CUCCCAAA G GGUGGUUC 15093 GAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAGA 2096 CUCCCAAA G GUGGUUC 15094 GAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAG 2096 CUCCAAAG G GUGGUUC 15094 GAAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAG 2096 CUCCAAAG G GUGGUUC 15094 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAG 2096 UUCAAAGGGU G GUGCGUUC 15094 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAG 2096 UUCAAACGA G GUGGUUC 15094 GGAGGGAAACUCCUUCAAGGACAUCGUCCGGG CUUUGGAGAGACAUCGUCCAGGA UCGUCCAAA 20	8834	2196	ט	15086	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36821
2152 GUGCAAU G GUGAUUGA 15089 GCACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAGCA 2152 GUGCCAAU G GUGAUUGA 15089 UCAAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC 2149 CCAAUGGU G AUUGAUCU 15090 AGAUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACCA 2111 CUAUGUAU G AUCUCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACCA 2100 UCUCCAAA G GGUGGUUC 15091 GAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACAA G GUGGUUC 15091 GAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAGA CUCCCAAAG G GUGGUUC 15091 GAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAG CUCCAAAG G GUGGUUC 15091 AUUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAGA CUCCAAAG G GUGGUUC 15091 AUUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAG CUCCAAAG G GUGGUUC 15091 GGAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAG CUCAAUCGA COCCUUUG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAG CUCAAUCGA COCCUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAUGA G GUCCAUAG G GUGGUUC 15091 GCUAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAUUGA G GUCCAUAGC GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAUUGA G GUCAUUGA G GUCCAAAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAUUGA G GUCCAUAGC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAUUGA G GUCAUUGA G GCUAACCAC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAUUGA G GUCCAAAC G GUCCAAAC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAUUGA G GUCCAAACGG G CUCAAUCGA G GUCCCAAAC G GACCAACG G GAGGGAAACUCCCUUCAAGGACACCCUUCAAGGACACCCUUCAAGGACACCCUUCAACGGACCAUCGACCCAACGGACCAACGGACAACCCAACGGAACCACCAACGAACCACC	8843	2187	ပ	15087	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36822
2152 GUGCCAAU G GUGAUUGA 15089 UCAAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC 2149 CCAAUGGU G AUUGAUCU 15090 AGAUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUUGG 2145 UGGUGAUU G AUCUGUUG 15091 CAACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACCA 2111 CUAUGUAU G AGUCUCCA 15092 UGGAGGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAGA 2100 UCUCCAAA G GGUGGUUC 15093 GAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGA 2096 CUCCAAAG G GUGGUUC 15094 GGAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGA 2096 CUCCAAAG G GUGGUUC 15094 GGAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAGA CUUCAAUCA G GUGGUUC 15094 GUAGGACA CGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG 2096 UUCAAUCA G GUGGUUC 15094 GUAGGACA CGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG 2080 UUCAAUCA G GACCUUAG G GUAGGAAC CGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA G COAAUCAG G ACCUUAGC CGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA G COAAUCAG G ACCUUAGC CGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA G COAAUCAG G ACCUUAGC GCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA G COAAUCAG G ACCUUAGC CGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA G COAAUCAG G ACCUUAGC GCAGGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA G COAAUCAG G ACCUUAGC GCAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA G COAAUCAG G ACCUUAGC COAAACGG COAGAGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA G COAAUCAG G ACCUUAGC COAAACGG COAGAGAAACUCCCUUCAAAGGACAUCGUCCGGG COAGAAACACCCUUCAAACG G ACCUUAGC COAAACGG COAGAAACACCCUUCAAAGGACAACCCCUUCAAACG G COACUAGC COAAACAG G COACAAACAG G COACAAACAG G COACAAACAA G COACAAAACAA G COACAAACAA G COACAAACAA G COACAAACAAA G COACAAACAAA G COACAAACAAA G COACAAACAAAAAAAAAA	8865	2165	ø	15088	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36823
2149 CCAAUGGU G AUUGAUCU 15090 AGAUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUUGG 2145 UGGUGAUU G AUCUGUG 15091 CAACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACUACA 2111 CUAUGUAU G AGUCUCCA 15092 UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAUAC 2100 UCUCCAAA G GGUGGUUC 15093 GAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAG 2096 CUCCAAAG G GUGGUUC 15095 AUUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG 2080 UUCAAACA GAUCCAAU 15095 AUUGGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG 2080 UUCAAUCA GACCUUAG GAAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG 2080 UUCAAUCA GACUUAGG GAAGGACAACGGGAAACUCGUCCGGG ACCCUUCAAGGACAUCGUCCGGG ACCCUUUG 2080 UUCAAUCAG GAUCCAAU 15095 AUUGGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG 2080 UUCAAUCAG GACUUAGC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG	8878	2152	ø	15089	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36824
2145 UGGUGAUU G AUCUGUUG 15091 CAACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAUCACCA 2111 CUAUGUAU G AGUCUCCA 15092 UGGAGACU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUACAUAG 2100 UCUCCAAA G GGUGGUUC 15093 GAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UUUGGAGA COCCAAAG G GUGGUUCC 15094 GGAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGG CUUUGGAG CAAAGGGU G GUUCCAAU 15095 AUUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG ACCCUUCAAGGACAUCGUCCGGG UUUGGAG COUTUGGAG GAAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGAA COCAUUGAA G GACCUUAGC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGAA COCAUUGAA G GACCUUAGC GACCUUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGAA COCAUUGAA GACCUUAGC GACCUUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA GCOCAUUGAA GACCUUAGC GACCUUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA COCAUUGAA GACCUUAGC GACCUUAGC GGAGGAAACUCCCUUCAAAGGACAUCGUCCGGG CUGAUUGAA COCAUUGAA COCAUUCAA GGACCAUCGGC CUGAUUGAA COCAUUCAA GGACCAUCGGG CUGAUUGAA COCAUUCAA COCAUUCAA GGACCAUCGGG CUGAUUGAA COCAUUCAA CO	8881	2149	ø	15090	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36825
2111 CUANGUAU G AGUCUCCA 15092 UGGAGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAUAG 2100 UCUCCAAA G GGUGGUUC 15093 GAACCACC GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGA 22099 CUCCAAAG G GUGGUUCC 15094 GGAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAG CAAAGGGU G GUUCCAAU 15095 AUUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGGAG ACCCUUUG 2080 UUCAAUCA G GACCUUAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGAA 2080 UUCAAUCA G GACCUUAG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGAA 2079 UCAAUCAG G ACCUUAGC 15097 GCUAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA 2079 GCUAAUCAG G ACCUUAGC 15097 GCUAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGAA 2079	8885	2145	O	15091	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36826
2099 CUCCAAAG G GUGGUUC 15093 GAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UUUGGAGA C 2099 CUCCAAAG G GUGGUUCC 15094 GGAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAG C CAAAGGGU G GUUCCAAU 15095 AUUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG C 2080 UUCAAUCA G GACCUUAG GAAGGAA C GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG C 2080 UUCAAUCA G GACCUUAG GAAGGAA C GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGA C 2079 UCAAUCAG G ACCUUAGC 15097 GCUAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGA C 2079	8919	2111	٥	15092	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36827
2099 CUCCAAAG G GUGGUUCC 15094 GGAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAG CUUCGAGG CUUUGGAG CUUCGAAC GUUCAAUCA G GUUCCAAU 15095 AUUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG 2080 UUCAAUCA G GACCUUAG 15096 CUAAGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGAA 2079 UCAAUCAG G ACCUUAGC 15097 GCUAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGA	8930	2100	0	15093	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36828
2096 CAAAGGGU G GUUCCAAU 15095 AUUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG 2080 UUCAAUCA G GACCUUAG 15096 CUAAGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGAA 2079 UCAAUCAG G ACCUUAGC 15097 GCUAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGA	8931	2099	٥	15094	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36829
2080 UUCAAUCA G GACCUUAG 15096 CUAAGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGAA 2079 UCAAUCAG G ACCUUAGC 15097 GCUAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGA	8934	2096	O	15095	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36830
2079 UCAAUCAG G ACCUUAGC 15097 GCUAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGA	8950	2080	σļ	15096	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36831
	8951	2079	ט	15097	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36832

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- - - - 	ט ט	15100		
- - - 	O	-	UUUUGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGGCCA	36835
- - 		12101	UGUCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGUUU	36836
	AACAAAAG G GUUGACAG	15102		36837
ᅱ	Ø	15103	GUCACUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCUUU	36838
	co	15104	AGAUUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGUCAA	36839
	Ö	15105	1	36840
\dashv	ט	15106	UGAACGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAACGCCA	36841
4	O	15107	AGUGGCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGAACG	36842
-1	ø	15108	UAUCUCGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGUGGCUU	36843
\dashv	O	15109	UCCUAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGUGG	36844
-	ACUGACGA G AUAGGAAC	15110	GUUCCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUCAGU	36845
-	ט	15111	CAAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCUCGU	36846
	ø	15112	GCAAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAUCUCG	36847
-	ø	15113	GGAUGGAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUGCAAAG	36848
-	٥	15114		36849
+	이	15115	GGGACUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGACAC	36850
\dashv	٥	15116	UGGGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAGACA	36851
-	ø	15117	UUGGGACU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCGCAGAC	36852
4	ø	15118	UCAAGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGACU	36853
4	O	15119		36854
4	ان	15120		36855
	ט	15121	UAUGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUCAAA	36856
+	0	15122	GGAACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGGCGU	36857
-	0	15123	CGUCGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGAAG	36858
-	ט	15124	GUUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGUCAUU	36859
+	0	15125	·	36860
-	ט	15126		36861
+	დ	15127		36862
+	ט	15128	GAGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGGAA	36863
+	0	15129		36864
-	0	15130	CUCUGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCUUUG	36865
4	0	15131	AGGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAUCAA	36866
-	미	15132	AUUGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGAGG	36867
\dashv	ø	15133	GAAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAUAG	36868
-	O	15134	CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA	36869
-	0	15135	UGAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGCCA	36870
9393 1637	0	15136	CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA	-36871
4 1636	GCUCCAAG G GAGGUUGA	15137	UCAACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAGC	36872

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9395	1635	CUCCAAGG G AGGUUGAG	15138	CUCAACCU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUGGAG	36873
9397	1633	CCAAGGGA G GUUGAGGU	15139	ACCUCAAC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCUUGG	36874
9401	1629	GGGAGGUU G AGGUCCAU	15140	AUGGACCU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCUCCC	36875
9403	1627	o	15141	UCAUGGAC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACCUC	36876
9410	1620	D	15142	GAGUGGUU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGACCU	36877
9421	1609	CCACUCAC G AUGGACCA	15143	UGGUCCAU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAGUGG	36878
9424	1606	CUCACGAU G GACCAAGA	15144	UCUUGGUC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGUGAG	36879
9425	1605	UCACGAUG G ACCAAGAA	15145	UUCUUGGU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGUGA	36880
9431	1599	UGGACCAA G AACGUCUU	15146	AAGACGUU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGUCCA	36881
9470	1560	Ö	15147	AUUGACAC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGCAUA	36882
9483	1547	ø	15148	ACCACGGU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGAUUG	36883
9489	1541	CUGACCGU G GUUCACAG	15149	CUGUGAAC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGUCAG	36884
9540	1490	GUGUGUAU G AAGGCGCC	15150	GGCGCCUU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACACAC	36885
9543	1487	UGUAUGAA G GCGCCGCA	15151	UGCGGCGC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAUACA	36886
9552	1478	GCGCCGCA G GAGUGAUG	15152	CAUCACUC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGCGC	36887
9553	1477	Ð	15153	GCAUCACU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCGGCG	36888
9557	1473	Ø	15154	UUCAGCAU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCCUGC	36889
9563	1467	GUGAUGCU G AAUCUCCC	15155	GGGAGAUU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUCAC	36890
9577	1453	Ð	15156	GAGCCACU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCAGGG	36891
9581	1449	3U G	15157	GUUGGAGC GGAGGAAACUC	GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG ACUCAGGC	36892
9236	1434	ACCUGUGU G GAGUAGUU	15158	AACUACUC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACAGGU	36893
9597	1433	ប	15159	AAACUACU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACAGG	36894
9612	1418	O	12160	UGUGGAGU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGGAA	36892
9627	1403	Ð	15161	CCAUGGAC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUACUG	36896
9634	1396	UGGUCCAU G GACAAAAA	15162	UUUUUGUC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGACCA	36897
9635	1395	GGUCCAUG G ACAAAAU	15163	AUTUTUGU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGACC	36898
9644	1386	Ø	15164	GAAGUGGC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUUUGU	36899
9659	1371	O	15165	GAGAAUAU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUACGA	36900
9674	1356	٥	15166	AGAACCAU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAAGA	36901
9677	1353	O	15167	GGAAGAAC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCUUGAA	36902
9692	1335	Ð	15168	UGCUCUAC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCAAU	36903
6696	1331		15169	UGCCUGCU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCAAGG	36904
9704	1326	ę.	15170	AAAUUUGC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUAC	36905
9713	1317	ט	15171	ACAUGCGC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAUUUGC	3696
9801	1229	ט	15172	UGCUGACC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUUUG	36907
9802	1228	σ	15173	GUGCUGAC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCUUUU	36908
9823	1207	Ð	15174	GAGAAGCU GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAUGAC	36909
9836	1194	ט	15175	UGCCCGAC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGAGA	36910
9840	1190	ט	15176	UGCGUGCC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCAUGG	36911
9841	1189	CAUGGUCG G GCACGCAG	15177	CUGCGUGC GGAGGAAACUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACCAUG	36912

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9854	1176	היה	15170		1		
	1173	ט פ	15179	COCOCCAC GGAGGAAAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AA	AAAGCUGC	36913
$\overline{}$	1172	SUG G	15180	- 1	ı	ACCAPAGC	36914
7	1170	UUGGUGGA G AGAUCGCU	15181		- 1	TICCACCAR	36975
г	1168	GOUGGAGA G AUCGCUGA	15182	1		ווכווכניסיכים	2695
\neg	1161	AGAUCGCU G ACGGUAGC	15183	1		AGGGAITCIT	36918
\neg	1158	UCGCUGAC G GUAGCCAA	15184	UUGGCUAC GGAGGAAACI		GIICAGCGA	36919
9895	1135	AUAACUGC G GACCUCUG	15185	CAGAGGUC GGAGGAAACI	1	GCAGUUAU	36920
9896	1134	ט	15186	GCAGAGGU GGAGGAAACI	1	CGCAGUUA	36921
9907	1123	ט	15187	CGGUCAAC GGAGGAAACI	1	UGGCAGAG	36922
9911	1119	ט	15188	GAGGCGGU GGAGGAAAC	,	AACCUGGC	36923
9941	1089	UUCACAUC G AUGGUAGG	15189	CCUACCAU GGAGGAAACI		GAUGUGAA	36924
9944	1086	O	15190	AAGCCUAC GGAGGAAACI	,	AUCGAUGU	36925
9948	1082	υ	15191	GGACAAGC GGAGGAAACI	ł	UACCAUCG	36926
9966	1070	ס	15192	UAUCAUGU GGAGGAAACT	ı	UAAGGACA	36927
9965	1065	0	15193	GUGACUAU GGAGGAAACI	1	AUGUCUAA	36928
9989	1041	O	15194	UUGGUUCU GGAGGAAACI	7	GAAGGCGA	36929
9991	1039	٥	15195	AUTUGGUU GGAGGAAACI		UCGAAGGC	36930
10017	1013	Ø	15196	AGGAGUGU GGAGGAAACI		UGGAGCAA	36931
10031	999	o	15197	AGAGACUU GGAGGAAACI	1	UUGGAAGG	36932
10054	976	ଓ	15198	UCAACUGC GGAGGAAACI		UUGGAAUG	36933
10061	969	O	15199			AACUGCCU	36934
	956	თ [15200	- 1	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGC	AGCUUACA	36935
10075	325	o	15201	- 1	1	CAGCUUAC	36936
٦,	40%	o د	15202	- 1	()	CCAGCUUA	36937
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693 CCAUACCU G ACGUAGAC 15221 660 AGACUGCUG A ACGUAGAC 15222 660 CAACAGUC G ACUGCUGA 15223 660 CAACAGUC G ACUCAUUA 15224 650 UGUCUUCU G GAUCAUUA 15225 635 UACCACC G ACAGCACU 15226 635 UACCACCU G GACAUCAU 15227 626 ACACCACU G GACAUCAU 15229 627 ACACCACU G GACAUCAU 15230 534 AUGCUUU G ACAUCAUC 15236 534 AUGCUUU G ACAUCCUU 15237 534 AUGCUUU G ACAUCAUC 15236 535 AUCCUUU G ACAUCAUC 15236 536 AUCCUUU G ACAUCAUC 15236 637 AUCCUUU G ACAUCAUC 15236 637 AUCCUUU G ACAUCAUC 15236 638 AUCCUUU G ACAUCAUC 15236 649 GUACACUC G ACAUCAUC 15236 640 AUCCUUU G ACAUCAUC 15236 640 AUCCUUU G ACAUCAUC 15236 641 AUCCUUU G ACAUCAUC 15236 641 AUCCUUU G ACAUCAUC 15246 652 ACAUCAGU G GACAUCAC 15246 653 ACAUCAGU G GACAUCAC 15246 654 ACGCAUCAC G GUCUUUCC 15246 655 ACCAAUCAC G GUCUUUCC 15246 656 CUUAGAGA G GUCAACAC 15256 660 ACAUCACC G AUCCAACA 15251 670 ACACCAUCA G GUCCAUCAC 15256 670 AUACCAUCA G GUCCAACA 15256 670 AAAACUCA G GUCCAACA 15256 670 AAAACUCA G GUCCAACA 15256 670 ACACCAACA G GUCCAACA 15256 670 AAAACUCA G AUCCAGAA 15256 670 AAAACUCA G GUCCAACA 15256		ט	15220	AGAUGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACACG	36955
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612 UCAUDAGU G AUAGUAUC 15230 573 AUUGCUCU G ACAAUGCA 15231 562 AAUGCAUA G GUUCUUUC 15232 541 AAUGCUGUU G GAAUCGUGA 15234 534 AGCUGUUG G AAUCGUGA 15236 522 ACAUCGUGU G AAGGUAGU 15236 484 CUUCCCUU G AAGGUAGU 15239 476 AGAAGUAG 15239 477 AUGCUGUU G AAGGUAGU 15239 474 AAGUUAGA ACGAGGUA 15241 475 GGAAAGUUA GAGGAACUG 15241 474 AAGUUAGA AGGGGAAC 15242 471 UNAGAGAG GCGAACUCG 15244 450 GGAAACUCG GCGAACUCG 15244 451 ACGCUGGC GCCAAUCCG 15246 450 ACGCUGGC GCCAAUCCG 15246 450 ACGCUGGC AUCGCAAUC 15248 451 GCCAAUCAU GCCAAUCCG 15246 423 GCCAAUCCU GCCAAUCCG 15246	_	ō	15229	AUGAAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUGCUG	36964
573 AUVGCUCU G ACAAUGCA 15231 562 AAUGCAUA G GUUCUUUC 15232 542 CAGCUGUU G GAAUCGUGA 15234 541 AGCUGUUG G AAUCGUGA 15234 534 GGAAUCGU G AUGACAUC 15236 522 ACAUCUGU G ACGUCAGU 15236 484 CUUCCCUU G GAAGUUAGA 15239 475 ACAUCCGU G AAGGUAAC 15241 476 GGAAGUUA G ACGAGGUA 15243 477 AAGUUAGA G ACGAGGUA 15244 470 AAGUUAGA G ACGAGGUA 15244 471 UUAGAGGA G GCAAACUG 15244 450 ACGCUGGC G AUCAGGC 15244 450 ACGCUGGC G AUCAGGC 15246 450 ACGCUGGC G AUCAGGC 15246 450 ACGCUGGC G AUCAGGC 15246 450 ACGCUGGC G AUCAGCC 15246 450 ACGCCGAUU G ACCCAGC 15248 352 UUUGUUUC 436CCCAAUCAG 15251 385 GUCCCGACG AUGACCGC 15254	_		15230	GAUACUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUAUGA	36965
562 AAUGCAUA G GUUCUUUC 15232 542 CAGCUGUU G GAAUCGUGA 15234 534 AGCUGUUG G AAUCGUGA 15234 534 GGAAUCGU G AUGACAUC 15236 522 AUCGUGAU G ACAUCUGU 15236 484 CUUCCCUUG G AAGUUAGA 15239 476 GGAAGUUA G AAGUUAGA 15240 477 AUCCCUUG G AAGUACUG 15241 476 GGAAGUUA G AGGUAACUG 15242 471 UUCCCUUG G GUAACUGG 15243 450 GGAAGUUAGA 15244 451 AAGUUAGAG G GUAACUGG 15242 452 GUUAGAGA G GUAACUGG 15244 450 ACGCUGGC G GUAACUGG 15246 450 ACGCUGGC G GUCUUCCC 15246 450 ACGCUGGC G AUCGUCGC 15246 435 CCAAUCCC G GUCUUCCC 15246 435 CCAAUCCC G GUCUUCCCC 15246 436 GCCAAUCCC GUCCUCCCC 381 GCCAAUCCC GUCCUCCCC 382 GCCCAAUCCC		ย	15231	UGCAUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGCAAU	36966
542 CAGCUGUU G GAAUCGUG 15233 541 AGCUGUUG G AAUCGUGA 15234 534 GGAAUCGU G AUGACAUC 15235 521 AUCGUGAU G ACAUCUGU 15236 484 CUUCCCUU G GAAGUUAGA 15239 476 GGAAGUUA G AAGUUAGA 15240 471 UUCCCUUG G AAGUUAGA 15241 472 GUAAGUUA G AGGGUAAC 15242 471 AAGUUAGA G GGAACUG 15243 450 GGAAGUUA G GGGAUCAG 15244 450 ACGCUGGC G AUCAGGCC 15244 450 ACGCUGGC G AUCAGGCC 15245 451 UUAGCAUCA G GCCAAUCA 15246 450 ACGCUGGC G AUCAGGCC 15246 435 CCAAUCAC G GUCUUUCC 15246 435 CCAAUCAU G GUCUUUCC 15246 436 GCCAAUCA GCCAAUCA 15246 435 CCAAUCAU G GUCUUUCC 15246 385 GCCAAUCAU G GUCUUUCC 15246 386 GCUCCGCC G AUCAGU 15251 340		O	15232	GAAAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGCAUU	36967
541 AGCUGUUG G AAUCGUGA 15234 534 GGAAUCGU G AUGACAUC 15235 531 AUCGUGAU G AUGACAUC 15236 522 ACAUCUGU G ACGUCAGU 15237 484 CUUCCCUU G GAAGUUAGA 15239 476 GGAAGUUA G AAGUUAGA 15241 471 AAGUUAGA G AGGUAACU 15242 471 AAGUUAGA G GUAACUGG 15243 450 GOAAGUUA G GCGAUCAG 15244 451 AUGAGGUG G AUCAGGCC 15244 450 ACGCUGGC G AUCAGGCC 15244 450 ACGCUGGC G AUCAGGCC 15246 451 CCAAUCAC GCCAAUCA 15246 450 ACGCUGGC G AUCAGGCC 15246 435 CCAAUCAC GUCUUCCC 15246 435 CCAAUCAC GUCUUCCC 15246 435 CCAAUCAC GUCUUCCC 15246 436 GCCAAUCA GUCCUUCCC 15246 385 GCCAAUCA GUCCUUCCCC 436 381 CCCAAUCA </td <td></td> <td>JJ G</td> <td>15233</td> <td>CACGAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGCUG</td> <td>36968</td>		JJ G	15233	CACGAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGCUG	36968
534 GGAAUCGU G AUGACAUC 15235 531 AUCGUGAU G ACAUCUGU 15236 522 ACAUCUGU G ACAUCUGU 15237 484 CUUCCCUU G GAAGUUAGA 15239 476 GGAAGUUA G AAGUUAGA 15240 471 AAGUUAGA G AGGUAACUG 15241 472 GUUAGAGA G GUAACUGC 15243 453 CCUACGCU G GCGAUCAG 15244 450 ACGCUGGC G AUCAGGCC 15244 450 ACGCUGGC G AUCAGGCC 15246 451 UUAGCAUCA G GCCAAUCA 15246 450 ACGCUGGC G AUCAGCC 15246 435 CCAAUCCC G AUCAGCC 15246 435 CCAAUCAC G GUCUUCC 15246 435 CCAAUCAC G GUCUUCC 15246 385 GCCAAUCA G GUCUUCC 15240 386 GCCAAUCA G GUCUUCC 15250 381 CCCCGAUU G GUCAAGGU 15251 372 AUAGCCCC G AUGAGU 15253 340 AAAACUCAG G GUCCUAGG 15254 331 ACUCCA	_)G G	15234	UCACGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACAGCU	36969
531 AUCGUGAU G ACAUCUGU 15236 522 ACAUCUGU G ACGUCAGU 15237 484 CUUCCCUU G GAAGUUAGA 15239 476 GGAAGUUA G AAGUAGA 15240 477 AGUUAGAG G AGGGUAAC 15242 471 AAGUUAGA G GGAACUG 15243 453 CCUACGCU G GCGAUCAG 15244 450 ACGCUGGC G AUCAGGCC 15244 450 ACGCUGGC G AUCAGGCC 15246 451 UUAGAGAG G GCCAAUCA 15246 450 ACGCUGGC G AUCAGGCC 15246 435 CCCAAUCAC GCCAAUCAC 15246 435 CCAAUCCC AUCAGCUGAC 15246 435 CCAAUCCC GUCUUUCC 15246 385 GCCAAUCA GUCAUCACC 15246 386 GCCCAAUCA GUCCUUCCC 15250 381 CCCCAAUCA GUCCUUCCC 15251 381 CCCCGAUU GUCCCCUAG 15253 340 AAAACUCAG GUCCCCUAG 15254		უ	15235	GAUGUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAUUCC	36970
522 ACAUCUGU G AAGUUAG 15237 484 CUUCCCUU G GAAGUUAG 15238 483 UUCCCUUG G AAGUUAGA 15239 476 GGAAGUUA G AGGGUAAC 15241 472 GUUAGAGA G GGUAACUGC 15243 471 UUAGAGAG G GUAACUGC 15244 453 CCUACGCU G GCGAUCAG 15244 450 ACGCUGGC G AUCAGGCC 15246 435 CCUACGCU G GCGAUCAG 15246 435 CCUACGCU G GCCAAUCA 15246 435 CCAAUCAC G GCCAAUCA 15246 435 CCAAUCCG G AUCAGACU 15246 435 CCAAUCCC G GUCUUUCC 15248 395 UUUGUUUU G ACUCCUCC 15249 381 CCCCAAUCA GCCAAUCAC 365 GCCCGAUU AAGCCCCAC 372 AUAGCCCC AUAGCCCUAG 340 AAAACUCA GUCCCCUAG 340 AAAAACUCA GUCCCUAG 340 AAAAACUCA GUCCCUAGA 298 UCUCCAUC GUGGUCAA			15236	ACAGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACGAU	36971
484 CUUCCCUU G GAAGUUAGA 15238 483 UUCCCUUG G AAGUUAGA 15239 476 GGAAGUUA G AGGGGUA 15241 471 AAGUUAGA G GGUAACUG 15243 472 GUUAGAGA G GUAACUGC 15243 453 CCUACGCU G GCGAUCAG 15244 450 ACGCUGC G AUCAGGCC 15246 435 CCUACGCU G GCCAAUCA 15246 435 CCUACGCU G GCCAAUCA 15246 435 CCUACGCU G GCCAAUCA 15246 335 GCCAAUCC G GUCUUCC 15248 336 GCCACGAU G ACGCCAAU 15250 381 CCGCGAUU G AUCACAGU 15251 372 AUUGUUUU G AGCCCUAG 15253 366 CUGGUCAA G GUCCUUAG 15253 367 AUAGCACU G GUCAAGGU 15253 368 CCUCCGC G AUGAUAG 15253 369 AAAACUCA G GUCCCUAG 15253 360 CUGGUCAA G GUCCCUAG 15253 360 CUCCCAAU G AUAGGUGUU 15253 360 CUCCCAAU G AUAGGUGUU 15253 360 CUCCCAAU G GUCCCUAG 15255		Ø	15237	ACUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAUGU	36972
483 UUCCCUUG G AAGUUAGA 15239 476 GGAAGUUA G AGGGUAAC 15241 474 AAGUUAGA G AGGGUAAC 15241 472 GUUAGAGA G GGUAACUGC 15243 453 CCUACGCU G GCGAUCAG 15244 450 ACGCUGC G AUCAGGCC 15246 435 CCUACAUCA G GCCAAUCA 15246 435 CCCAAUCA G GCCAAUCA 15246 435 CCCAAUCA G GCCAAUCA 15246 335 GCCACCCC G AUCAGCCC 15248 336 GCCCCGAU G ACCCCCAC 15248 3372 AUUGUUUU G AGCUCCCC 15250 381 CGCCGAUU G AUACCACU 15251 372 AUAGCACU G GUCAAGGU 15252 366 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G GUCCCUAG 15255 367 ACUCCAUC G GUCCCUAG 15255 368 UCUCCAUC G AUCCCUAG 15255		Ö	15238	CUAACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGAAG	36973
476 GGAAGUUA G AGAGGUA 15240 474 AAGUUAGA G AGGGUAAC 15241 472 GUUAGAGA G GGUAACUG 15243 471 UUAGAGAG G GUAACUGC 15244 453 CCUACGCU G GCGAUCAG 15246 435 CCUACGCU G GCGAUCA 15246 435 CCAAUCAU G ACUGCAAU 15247 423 GCCAUCAU G ACUGCAAU 15248 395 UUUGUUUU G ACUCUUCC 15249 385 GCCAAUCCG G AUUGAUAG 15250 381 CGCCGANU G AUAGCACU 15251 372 AUAGCACU G GUCAAGGU 15251 366 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G GUCCCUAG 15253 340 AAAACUCA G GUCCCUAG 15253 340 AAAAACUCA G GUCCCUAG 15254 337 ACUCCAGAA G GUCCCUAG 15254 337 ACUCCAGAA G GUCCCUAG 15256 298 UCUCCAUC G GUCCAGAA 15256 298 UCUCCAUC G GUCCAGAA 15256 283	-		15239	UCUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGGGAA	36974
474 AAGUUAGA G AGGGUAAC 15241 472 GUUAGAGA G GGUAACUG 15242 471 UUAGAGA G GUAACUGC 15243 453 CCUACGCU G GCAUCAG 15244 450 ACGCUGGC G AUCAGGCC 15246 435 ACGCUGGC G AUCAGGCC 15246 423 GCCAUCAU G ACUGCAAU 15248 395 UUUGUUUU G ACUCCUAC 15248 395 UUUGUUUU G AGCUCUCCC 15249 381 GCCCGAUU G AUCACACU 15250 381 CGCCGAUU G AUAGCACU 15251 372 AUAGCACU G GUCAAGGU 15251 340 AAAACUCA G GUCCCUAG 15253 340 AAAACUCA G GUCCCUAG 15253 340 AAAACUCA G GUCCCUAG 15254 337 ACUCCAGA G GUGUUCA 15254 337 ACUCCAGA G GUGUUCA 15254 337 ACUCCAGU G GUCAAGGU 15254 337 ACUCCAGU G GUCAAGGU 15256 298 UCUCCAUC G GUCAAGGU 15256 283 CACUC	\dashv	ט	15240	UACCCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAACUUCC	36975
472 GUUAGAGA G GGUAACUG 15242 471 UUAGAGAG G GUAACUGC 15243 453 CCUACGCU G GCGAUCAG 15244 450 ACGCUGGC G AUCAGGCC 15246 435 ACGCUGGC G AUCAGGCC 15246 423 GCCAAUCA G GCCAAUCA 15248 395 UUVGUUUU G ACUCCUACC 15249 381 GCCCGAUU G AUCACACU 15250 381 CGCCGAUU G AUAGCACU 15251 372 AUAGCACU G GUCAAGGU 15251 366 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G GUCCCUAG 15253 340 AAAACUCA G GUCCCUAG 15254 337 ACUCCAGAA G GUGUUUCA 15254 337 ACUCCAGAA G GUGUUUCA 15254 337 ACUCCAGAA G GUGUUCA 15254 298 UCUCCAUC G GUGUUCA 15256 298 UCUCCAUC G GUGUUCA 15256	-	פ	15241	GUDACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAACUU	36976
471 UNAGAGAG GUAACUGC 15243 453 CCUACGCU GCGAUCAG 15244 450 ACGCUGGC AUCAGGCC 15245 445 GGCGAUCA 15246 423 GCCAAUCA 6 ACUGCAAU 15246 395 UUVGUUUC G GUCUUCC 15249 381 GCCGAAU 0 AGCUCGAC 15249 372 AUAGCACU G GUCAAGGU 15251 372 AUAGCACU G GUCAAGGU 15251 340 AAAACUCA G GUCCCIAG 15253 340 AAAACUCA G GUGUUCA 15253 337 AUAGCACU G GUCCCIAG 15253 340 AAAACUCA G GUCCCIAG 15254 337 ACUCCAGAA G GUGUUCA 15254 298 UCUCCAUC G GUGUUCA 15256 298 UCUCCAUC G GUGUUCA 15256 283 CACUCCUC G GUGUUCA 15257	-	ט	15242	CAGUUACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCUAAC	36977
453 CCUACGCU G GCGAUCAG 15244 450 ACGCUGGC G AUCAGGCC 15245 445 GGCGAUCA G GCCAAUCA 15246 435 CCAAUCAU G ACUGCAAU 15247 423 GCAAUCC G GUCUUCC 15248 395 UUUGUUUU G AGCUCCGC 15249 381 GCCCGAUU G AUAGCACU 15250 372 AUAGCACU G GUCAAGGU 15251 366 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G GUCCCUAG 15254 337 ACUCAGAA G GUGUUUCA 15254 337 ACUCCAGAA G GUGUUCA 15254 298 UCUCCAUC G GUGUCAGAA 15256 298 UCUCCAUC G GUGUCAGAA 15257	4	ט	15243	GCAGUUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCUCUAA	36978
450 ACGCUGGC G AUCAGGCC 15245 445 GGCGAUCA G GCCAUCA 15246 435 CCAAUCAU G ACUGCAAU 15247 423 GCAAUUCC G GUCUUUCC 15248 395 UUUGUUUU G AGCUCCGC 15249 381 GCUCGGC G AUUGAUAG 15250 372 AUAGCACU G GUCAAGGU 15251 366 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G GUCCCUAG 15254 337 ACUCAGAA G GUGUUUCA 15254 337 ACUCCAGA G GUGUUUCA 15254 337 ACUCCAUC G GUGUUUCA 15254 298 UCUCCAUC G GUGUUUCA 15256 298 UCUCCAUC G GUGUUCAA 15256 283 CACUGCUC G GUGUUCAA 15256	-	စ	15244	CUGAUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGUAGG	36979
445 GGCGAUCA G GCCAAUCA 15246 435 CCAAUCAU G ACUGCAAU 15247 423 GCAAUUCC G GUCUUUCC 15248 395 UUUGUUUU G AGCUCCGC 15249 381 GCUCGGC G AUGAUAG 15250 372 AUAGCACU G GUCAAGGU 15251 366 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G GUCCCUAG 15254 337 ACUCAGAA G GUGUUUCA 15254 337 ACUCCAGA G GUGUUCA 15254 337 ACUCCAGA G GUGUUUCA 15254 298 UCUCCAUC G GUGUUCAA 15256 298 UCUCCAUC G GUGUUCAA 15256 283 CACUGCUC G GUGUCGGAA 15257	+	ט	15245	- 1	36980
435 CCAAUCAU G ACUGCAAU 15247 423 GCAAUUCC G GUCUUUCC 15248 395 UUUGUUUU G AGCUCCGC 15249 381 GCUCCGCC G AUUGAUAG 15250 372 AUAGCACU G GUCAAGGU 15251 366 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G AAGGUGUU 15254 337 ACUCAGAA G GUGUUUCA 15254 337 ACUCCAGA G GUGUUUCA 15254 298 UCUCCAUC G AUCCAGCA 15256 298 UCUCCAUC G GUCCAGAG 15256 283 CACUGCUC G GUCCGGAG 15257	\dashv	اه	15246	- 1	36981
423 GCAAUUCC G GUCUUUCC 15248 395 UUUGUUUU G AGCUCCGC 15249 381 GCUCCGCC G AUGAUAG 15250 372 AUAGCACU G GUCAAGGU 15251 36 CUGGUCAA G GUCCCUAG 15252 36 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G AAGGUGUU 15254 337 ACUCAGAA G GUGUUUCA 15254 298 UCUCCAUC G AUCCAGCA 15256 283 CACUGCUC G GUGUCGGAG 15257	-	ט	15247	AUUGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAUUGG	36982
395 UNUGUUUU G AGCUCCGC 15249 381 GCUCCGCC G AUUGAUAG 15250 381 CGCCGAUU G AUAGCACU 15251 372 AUAGCACU G GUCAAGGU 15252 366 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G AAGGUGUU 15254 337 ACUCAGAA G GUGUUUCA 15255 288 UCUCCAUC G AUCCAGCA 15255	4	v	15248		36983
385 GCUCCGCC G AUUGAUAG 15250 381 CGCCGAUU G AUAGCACU 15251 372 AUAGCACU G GUCAAGGU 15252 36 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G AAGGUGUU 15254 337 ACUCAGAA G GUGUUCA 15254 298 UCUCCAUC G AUCCAGCA 15256 283 CACUGCUC G GGUCGGAG 15257	\dashv	اه	15249	GCGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACAAA	36984
381 CGCCGAUU G AUAGCACU 15251 372 AUAGCACU G GUCAAGGU 15252 36 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G AAGGUGUU 15254 337 ACUCAGAA G GUGUUCA 15254 298 UCUCCAUC G AUCCAGCA 15256 283 CACUGCUC G GGUCGGAG 15257	\dashv	ان	15250	CUAUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGAGC	36985
372 AUAGCACU G GUCAAGGU 15252 366 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G AAGGUGUU 15254 337 ACUCAGAA G GUGUUUCA 15255 298 UCUCCAUC G AUCCAGCA 15256 283 CACUGCUC G GGUCGGAG 15257	\dashv	اه	15251	AGUGCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCGGCG	36986
366 CUGGUCAA G GUCCCUAG 15253 340 AAAACUCA G AAGGUGUU 15254 337 ACUCAGAA G GUGUUUCA 1525\$ 298 UCUCCAUC G AUCCAGCA 15256 283 CACUGCUC G GGUCGGAG 15257	\dashv	0	15252	ACCUUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCUAU	36987
340 AAAACUCA G AAGGUGUU 15254 337 ACUCAGAA G GUGUUUCA 1525\$ 298 UCUCCAUC G AUCCAGCA 15256 283 CACUGCUC G GGUCGGAG 15257	-	O	15253		36988
337 ACUCAGAA G GUGUUUCA 1525\$ 298 UCUCCAUC G AUCCAGCA 15256 283 CACUGCUC G GGUCGGAG 15257	\dashv	ס	15254	AACACCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGUUUU	36989
298 UCUCCAUC G AUCCAGCA 15256 283 CACUGCUC G GGUCGGAG 15257	4	S S	1525\$	UGAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUGAGU	36990
283 CACUGCUC G GGUCGGAG 15257	4	ე ე	15256	UGCUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGGAGA	36991
	\dashv	р В	15257	CUCCGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCAGUG	36992

Table XII

36993	36994	36995	36996	36997	36998	36999	37000	37001	37002	37003	37004	37005	37006	37007	37008	37009	37010	37011	37012	37013	37014	37015	37016	37017	0.000
CGAGCAGU	GACCCGAG	CGACCCGA	ACAGCAAU	AGGUUCAC	UUCAGGUU	UUGGCGUU	ucuuggcg	AAUACGAU	GACGGCAA	UGAUCGAC	UUGAUUGG	CUUGAUUG	ecenenne	cecenenn	CCGCGUGU	AAUAUGCU	GGGCUGUC	GGCAAGAG	CGGCAAGA	AGGAGGGC	UAAGAAAC	GAUGUCUA	UCGAUGUC	UVAGCACG	
GCUCCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGAGCAGU	AAUUGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCGAG	CAAUUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACCCGA	UNCAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGCAAU	aceuucuu gaagaaacucccuucaagaacaucguccgg agguucac	UUGGCGUU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUCAGGUU	UUGGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGCGUU	UGUUGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUGGCG	CAAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUACGAU	AGCCUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACGGCAA	UGUUGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GUGUUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ceueuugu ggaggaaacucccuucaaggacaucguccggg cuugauug	GAAUGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGUGUUG	GGAAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCGUGUU	CGGAAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCGUGU	CGGGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAUGCU	GCAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCUGUC	GGAGGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAAGAG	AGGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGCAAGA	UAAGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGGC	CUCGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAGAAAC	GAAGAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGUCUA	ACGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAUGUC	AGCUGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAGCACG	
\vdash	L		Ĺ	_	_		L	Ĺ	_	L	L	L	L	Ĺ	_	_	_		Ľ	Ĺ	L	L		Ľ	ŀ
15258	15259	15260	15261	15262	15263	15264	15265	15266	15267	15268	15269	15270	15271	15272	15273	15274	15275	15276	15277	15278	15279	15280	15281	15282	1
ACUGCUCG G GUCGGAGC	CUCGGGUC G GAGCAAUU	ucegeuce e accaatus	AUUGCUGU G AACCUGAA	GUGAACCU G AAGAACGC	AACCUGAA G AACGCCAA	AACGCCAA G AGAGCCAA	CGCCAAGA G AGCCAACA	AUCGUAUU G GCCCCUUG	UNGCCOUC G AUCAGGCU	GUCGAUCA G GCUCAACA	CCAAUCAA G GACAACAC	CAAUCAAG G ACAACACG	CAACACGC G GGGCAUUC	AACACGCG G GGCAUUCC	ACACGCGG G GCAUUCCG	AGCAUAUU G ACAGCCCG	GACAGCCC G GCUCUUGC	coconecc e eecconcc	nconecce e eccencen	GCCCUCCU G GUUCUUA	GUUUCUUA G ACAUCGAG	UAGACAUC G AGAUCUUC	GACAUCGA G AUCUUCGU	COUGCUAA G AAACAGCU	***************************************
282	278	277	264	258	255	246	244	224	210	205	174	173	163	162	191	138	130	120	119	110	101	95	93	79	:
10748	10752	10753	10766	10772	10775	10784	10786	10806	10820	10825	10856	10857	10867	10868	10869	10892	10900	10910	10911	10920	10929	10935	10937	10951	

Input Sequence = AF196835_rc. Cut Site = G/.
Arm Length = 8. Core Sequence = GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG
AF196835_rc reverse complement of West Nile virus strain NY99-flamingo382-99, complete genome

Table XIII: WNV Enzymatic Nucleic Acid and Target Sequence

Table XIII

Table XIII

Input Sequence = AF196835. Cut Site = UH/.

Arm Length = 8. Core Sequence = CUGAUGAG GCCGUUAGGC CGAA
AF196835 West Nile virus strain NY99-flamingo382-99,
complete genome
lower case = 2'.O-methyl
UPPER CASE = RIBO
BOLD = 2'-amino
B = inverted deoxy abasic
ITALIC = 2'-deoxy

Table XIV: In vitro cleavage data

Table XIV

:			Seq ID	%		Sea ID
RPI#	Site/Motif	Enzymatic Nucleic Acid Sequence	Š.	cleaved	Substrate	z
	WNV-698 Rz-7		37019			37056
23047	Ome stab1	ucuucca CUGAUGAggccguuaggccGAA Accugac B		89.68	GUCAGGU A UGGAAGA B	
	WNV-3021 Rz-7		37020			37057
23048	Ome stab1	ccguucc CUGAUGAggccguuaggccGAA Augaucu B		93.10	AGAUCAU U GGAACGG B	
	WNV-4082 Rz-7		37021			37058
23049	Ome stab1	ccugauc CUGAUGAggccguuaggccGAA Agcugcc B		89.54	GGCAGCU U GAUCAGG B	
	WNV-7400 Rz-7		37022			37059
23050	Ome stab1	gegenen CUGAUGAggeegunaggeeGAA Auneugg B		94.82	CCAGAAU U AGAGCGC B	
	WNV-9915 Rz-7		37023			37060
23051	Ome stabl	cuggaga CUGAUGAggccguuaggccGAA Augcgag B		90.92	CUCGCAU A UCUCCAG B	
03000	WNV-256 CHz-7		37024			37061
43052	Ome stabl	aaccuga CUGAUGAggccguuaggccGAA Iaacgcc B		90.06	GGCGUUC U UCAGGUU B	
	WNV-1488 CHz-7		37025			37062
23053	Ome stab1	uguauga CUGAUGAggccguuaggccGAA Igcgccg B		76.12	CGGCGCC U UCAUACA B	_
73000	WNV-6802 CHz-7		37026			37063
2303#	Owe Brabi	aagagaa CUGAUGAggccguuaggccGAA Igagagc B		88.59	GCUCUCC C UUCUCUU B	
	WNV-7344 CHz-7		37027			37064
23055	Ome stab1	uganucc CUGAUGAggccgunaggccGAA Iccgcug B		91.26	CAGCGGC C GGAAUCA B	
1	WNV-9733 CHz-7		37028			37065
23056	Ome stabl	uugagga CUGAUGAggccguuaggccGAA Iuggagc B		78.91	GCUCCAC U UCCUCAA B	
	WNV-1491 Dz-7		37029			37066
23057	stab3	gugugua GGCTAGCTACAACGA gaaggcg B		72.13	CGCCUUC A UACACAC B	
	WNV-1562 Dz-7		37030			37067
23058	stab3	guaugca GGCTAGCTACAACGA ugguguc B		86.07	GACACCA A UGCAUAC B	
	WNV-3089 Dz-7		37031			37068
23059	stab3	cguauca GGCTAGCTACAACGA ugagccu B		87.00	AGGCUCA A UGAUACG B	
	WNV-5582 Dz-7		37032			37069
23060	stab3	gaaugga GGCTAGCTACAACGA cugaagu B		39.77	ACUUCAG A UCCAUUC B	
	WNV-6823 Dz-7		37033			37070
23061	etab3	ucaggaa GGCTAGCTACAACGA uagcaca B		89.13	UGUGCUA A UUCCUGA B	
0,00	WNV-415 Amb.Rz-	gucunuc Ggaggaaacucc CDICaaggacaucgucCGGG	37034			37071
23062	/ stab3	uccucuu B		24.90	AAGAGGA G GAAAGAC B	
- 000	WNV-2552	guccauc Ggaggaaacucc CUICaaggacaucgucCGGG	37035			37072
23063	Amb. Kz-7 stab3	aagccuc B		53.89	GAGGCUU G GAUGGAC B	

Table XIV

400.03

-		ugcacuc GgaggaaacucC CUUCaaggacaucgucCGGG	37036			27072
23064	E E	ucuncuc B		11.57	GAGAAGA G GAGIIGCA B)
	WNV-4186	aucaguc GaaggaaacucC CUUCaaqqacaucqucCGGG	37037			27076
23065	A P	agcagca B		49.54	מ זומבווטמבו בו וויפוויפוו	* 2 2
	WNV-6577	gcucuuc Ggaggaaacucc CUUCaaqqacaucqucCGGG	37038		a proposed a coccasi	27076
23066	쥩	uccuuuc B		27.23	GAAAGGA G GAAGAGC B	0/0/0
	WNV-2680		27039			,000
	Zin.Rz-7 amino		6000			3/0/6
23067	stab4	uccuuca gccgaaaggCgaguqaGGuCu uqcuucc B		5.20	ם מטטממטוו ט מטטממטט	
	WNV-3432		22040		ממשמחם מסשמחם	
_	Zin.Rz-7 amino		2 / 04 0			37077
23068	stab4	gguagcg gccgaaaggCgaquqaGGuCu aquqqua B		85.97	מ נטמווייטט ט וויטמטטמט	
	WNV-4044		13060		משכישיכה פ הפרושירה פ	
	Zin.Rz-7 amino		3/041	_		37078
23069	stab4	uccugua gccgaaaggCgaquqaGGuCu acaucca B		80.75	ם איסטאטיאנו ש ווטוועטטוו	
	WNV-6864		37042		מפשים ה השיפים ה	
	Zin.Rz-7 amino		4			3/0/8
23070	stab4	cggcuag gccgaaaqqCqaquqaGGuCu uqquuqu B		16.02	מ מטטטינונט ט מטטממטמ	
	WNV-8962		2707.2		ממשפרים פ במשפרים פ	
	Zin.Rz-7 amino		2,043			37080
23071	stab4	ucuucaa gccgaaaggCgaquqaGGuCu uqcuucu B		4,93	ם מטממטווו ט מטטממטמ	
					ASPARAGO O COGRAGA D	

UPPER CASE = RIBO
Lower case = 2'-O-methyl
Bold = 2'-deoxy-2'-amino
ITALIC = 2'-deoxy
B = inverted deoxyabasic
I = Inosine

CLAIMS

 A nucleic acid molecule that modulates replication of West Nile Virus (WNV).

- 5 2. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule is selected from the group consisting of enzymatic nucleic acid, antisense nucleic acid, 2',5'-A nucleic acid, triplex forming nucleic acid, and decoy nucleic acid molecules.
- The nucleic acid molecule of claim 1, wherein said nucleic acid molecule is effective to treat a condition related to WNV infection, wherein said condition is selected from the group consisting of pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, and cirrhosis.
- 4. The nucleic acid molecule of claim 3, wherein said nucleic acid molecule is used in conjunction with one or more other therapies for the treatment of said condition.
 - 5. The nucleic acid molecule of claim 4, wherein said other therapyis selected from the group consisting of antivirals and interferons.
- 6. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule is chemically synthesized.
 - 7. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule comprises at least one 2'-sugar modification.
 - 8. The nucleic acid molecule of claim 1, wherein said nucleic acid comprises at least one nucleic acid base modification.
- 25 9. The nucleic acid molecule of claim 1, wherein said nucleic acid comprises at least one phosphate backbone modification.
 - 10. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule comprises at least one 2'-sugar modification and at least one phosphate backbone modification.

11. The nucleic acid molecule of claim 1, wherein said nucleic acid comprises a cap structure, wherein the cap structure is at the 5'-end or 3'-end, or both the 5'-end and the 3'-end.

- The nucleic acid molecule of claim 1, wherein said nucleic acid molecule
 comprises between 12 and 100 bases complementary to a RNA molecule of WNV.
 - 13. The nucleic acid of any of claim 1, wherein said nucleic acid molecule comprises between 14 and 24 bases complementary to a RNA molecule of WNV.
- 10 14. A method of down regulating the replication of WNV in a cell, comprising the step of contacting said cell with the nucleic acid molecule of claim 1, under conditions suitable for said down regulation of WNV replication.
- A method of down regulating the replication of WNV in a mammal comprising the step of administering the nucleic acid molecule of claim 1 to the mammal, under conditions suitable for said down regulation of WNV replication.
 - 16. A method of reducing WNV activity in a cell, comprising the step of contacting said cell with the nucleic acid molecule of claim 1, under conditions suitable for said reduction of WNV activity.
- A method of treating a patient having a condition associated with the level of WNV comprising the step of contacting cells of said patient with the nucleic acid molecule of claim 1, under conditions suitable for said treatment.
 - 18. The method of claim 15 further comprising the use of one or more other therapies under conditions suitable for said treatment.
- 25 19. The method of claim 18, wherein said other therapy is selected from the group consisting of antivirals and interferon.
 - The nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule cleaves RNA derived from WNV.
- The nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule cleaves plus strand RNA derived from WNV.

22. The nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule cleaves minus strand RNA derived from WNV.

23. The enzymatic nucleic acid of claim 2 having at least one binding arm wherein the binding arm of said enzymatic nucleic acid molecule comprises a sequence complementary to any of the sequences of SEQ ID NOs 1-15,308

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- 24. The enzymatic nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule comprises any of the sequences of SEQ ID NOs 15,309-37,043.
- The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule inhibits the activity of RNA derived from WNV.
 - 26. The antisense nucleic acid molecule of claim 25, wherein said antisense nucleic acid molecule inhibits the activity of plus strand RNA derived from WNV.
- The nucleic acid molecule of claim 25, wherein said antisense nucleic acid molecule inhibits the activity of minus strand RNA derived from WNV.
 - 28. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises a sequence complementary to any of the sequences of SEQ ID NOs 1-15,308.
- 20 29. An enzymatic nucleic acid molecule that cleaves RNA derived from the WNV.
 - 30. The enzymatic nucleic acid molecule of claim 2 or claim 29, wherein said enzymatic nucleic acid molecule is selected from the group consisting of Hammerhead, Inozyme, G-cleaver, DNAzyme, Amberzyme and Zinzyme.
- 25 31. The enzymatic nucleic acid molecule of claim 2 or claim 29, wherein said enzymatic nucleic acid molecule is in a hairpin, hepatitis Delta virus, group I intron, VS nucleic acid, or RNAse P nucleic acid motif.
 - 32. The enzymatic nucleic acid molecule of claim 30, wherein said Hammerhead motif comprises a sequence complementary to any of the substrate sequences in Tables III and VIII.

33. The enzymatic nucleic acid molecule of claim 30, wherein said Inozyme motif comprises a sequence complementary to any of the substrate sequences in Tables IV and IX.

- The enzymatic nucleic acid molecule of claim 30, wherein said DNAzyme comprises a sequence complementary to any of the substrate sequences in Tables VI and XI.
 - 35. The enzymatic nucleic acid molecule of claim 30, wherein said Zinzyme comprises a sequence complementary to any of the substrate sequences in Tables V and X.
- 10 36. The enzymatic nucleic acid molecule of claim 30, wherein said Amberzyme comprises sequences complementary to any substrate sequences in Tables VII and XII.
- 37. The enzymatic nucleic acid molecule of claim 30, wherein said Hammerhead comprises at least five ribose residues, at least ten 2'-O-methyl modifications, and a 3'- end modification.
 - 38. The enzymatic nucleic acid molecule of claim 37, wherein said Hammerhead further comprises phosphorothioate linkages on at least three of the 5' terminal nucleotides.
- 39. The enzymatic nucleic acid molecule of claim 37, wherein said 3'- end modification is a 3'-3' inverted abasic moiety.
 - 40. The enzymatic nucleic acid molecule of claim 30, wherein said Inozyme comprises at least five ribose residues, at least ten 2'-O-methyl modifications, and a 3'- end modification.
- The nucleic acid molecule of claim 40, wherein said Inozyme further comprises phosphorothicate linkages on at least three of the 5' terminal nucleotides.
 - 42. The nucleic acid molecule of claim 40, wherein said a 3'- end modification is 3'-3' inverted abasic moiety.
- The enzymatic nucleic acid molecule of claim 30, wherein said DNAzyme comprises at least ten 2'-O-methyl modifications.

44. The enzymatic nucleic acid molecule of claim 43, wherein said DNAzyme further comprises phosphorothicate linkages on at least one of the 5' terminal nucleotides.

- The enzymatic nucleic acid molecule of claim 44, wherein said DNAzyme further comprises a 3'-end modification.
 - 46. The enzymatic nucleic acid molecule of claim 45, wherein said 3'- end modification is a 3'-3' inverted abasic moiety.
 - 47. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises at least ten 2'-O-methyl modifications.
- 10 48. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises a region that is an RNAse H activating region.
 - 49. The nucleic acid molecule of claim 48, wherein said RNAse H activating region comprises a region having at least five deoxyribonucleotides.
- 15 50. The nucleic acid molecule of claim 49, wherein said RNAse H activating region further comprises one or more phosphate backbone modification.
 - 51. The nucleic acid molecule of claim 50, wherein said phosphate backbone modification is a phosphorothioate or phosphorodithioate modification.
- 52. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises an RNAse H activating region and a non-RNAse H activating region.
 - 53. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises a 5'-end modification, a 3'-end modification or both a 5'-end and a 3'-end modification.
- The antisense nucleic acid molecule of claim 53, wherein said 3'- end modification is selected from the group consisting of 3'-3' inverted abasic moiety, 3'-3' inverted nucleotide moiety, and phosphate backbone modification.
- 55. The antisense nucleic acid molecule of claim 53, wherein said 5'-end modification is selected from the group consisting of 5',5'-inverted abasic

- moiety, 5'-5' inverted nucleotide moiety, and phosphate backbone modification.
- A method of cleaving WNV RNA comprising contacting the enzymatic nucleic acid molecule of claim 2 or claim 29 with said RNA under
 conditions suitable for the cleavage of said RNA.
 - 57. The method of claim 56, wherein said cleavage is carried out in the presence of a divalent cation.
 - 58. The method of claim 57, wherein said divalent cation is Mg^{2+} .
- 59. An expression vector comprising nucleic acid sequence encoding at least one nucleic acid molecule of claim 1, in a manner that allows expression of that nucleic acid molecule.
 - 60. The expression vector of claim 59, wherein said nucleic acid molecule is an enzymatic nucleic acid molecule.
- The expression vector of claim 59, wherein said expression vector further comprises a sequence for an antisense nucleic acid molecule complementary to the RNA of WNV genome.
 - 62. The expression vector of claim 59, wherein said expression vector comprises sequence encoding at least two said nucleic acid molecules that can be same or different.
- 20 63. The expression vector of claim 62, wherein one said nucleic acid molecule comprises sequence encoding at least one antisense nucleic acid molecule complementary to RNA derived from the WNV.
 - 64. The expression vector of claim 62, wherein one said nucleic acid molecule comprises at least one sequence encoding an enzymatic nucleic acid molecule complementary to RNA derived from the WNV.

- 65. A pharmaceutical composition comprising the nucleic acid molecule of claim 1 in a pharmaceutically acceptable carrier.
- 66. A kit for the treatment of patients infected with WNV comprising the nucleic acid molecule of claim 1.

67. A kit for detecting WNV in a system comprising the nucleic acid molecule of claim 1.

- 68. A method of administering to a cell the nucleic acid molecule of claim 1 comprising contacting said cell with the nucleic acid molecule under conditions suitable for said administration.
- 69. The method of claim 68, wherein said cell is a mammalian cell.
- 70. The method of claim 69, wherein said cell is a human cell.

- 71. The method of claim 68, wherein said administration is in the presence of a delivery reagent.
- 10 72. The method of claim 71, wherein said delivery reagent is a lipid.
 - 73. The method of claim 72, wherein said lipid is a cationic lipid.
 - 74. The method of claim 72, wherein said lipid is a phospholipid.
 - 75. The method of claim 71, wherein said delivery reagent is a liposome.

Figure 1: Examples of Nuclease Stable Ribozyme Motifs

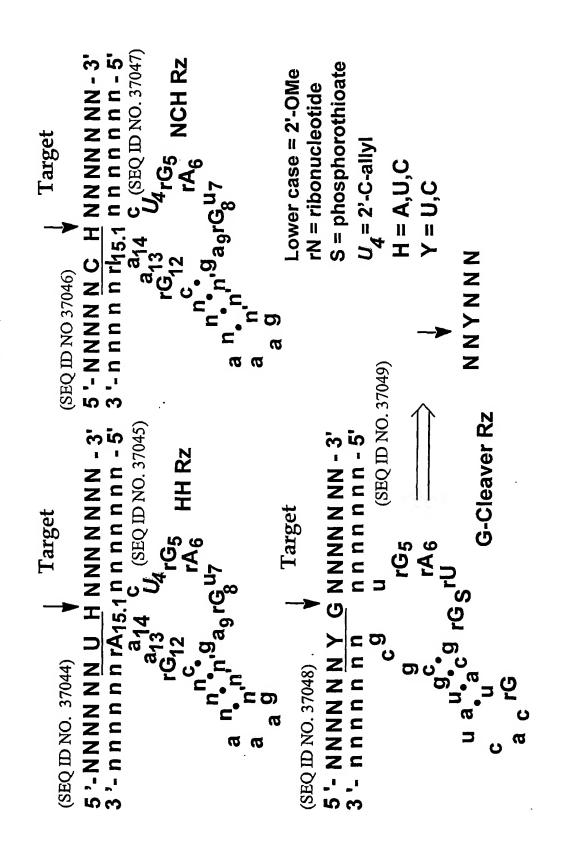


Figure 2: 2'-0-Me substituted Amberzyme Enzymatic Nucleic Acid Motif

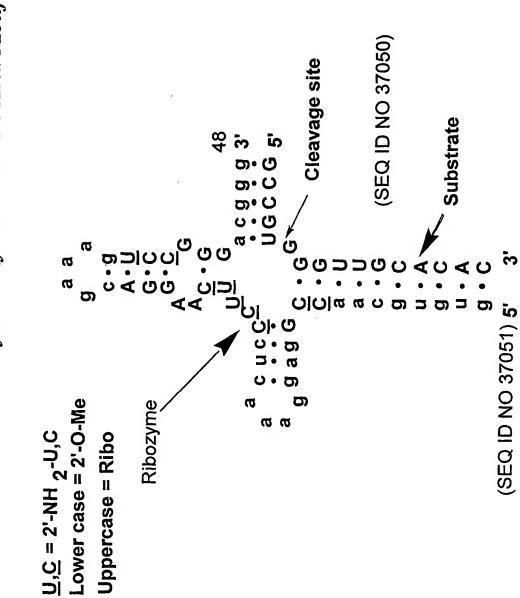
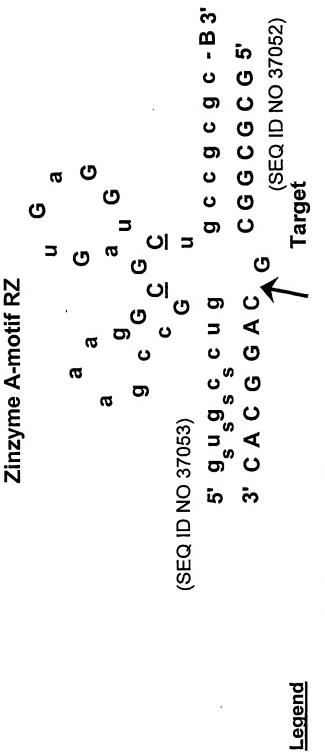


Figure 3: Stabilized Zinzyme Ribozyme Motif



Uppercase indicates natural ribo residues

C indicates 2'- d-NH₂-C

Lowercase: 2'-0-Me

Subscript s indicates phosphothioate linkage

B: 3'- 3' abasic moiety

